FOREMAN

054007A P M

Bovies Bros.

1452440

	FOOTA	GE			-	1	MATERI	AL II	SED	- 12.81
RODS.	END OF SHIFT	1-5	D N 5	MUD	2		1 1	SODA		
TICK	UP. END OF SHIFT		11.31	LIGNI	TE	100		ST-20	0	S 13
EPTH	. END OF SHIFT	686	7-50	MUD	25 (2 LB	BAG)	- 600	AIR-Q	UIK	13 8
EPTH	. START OF SHIFT		81-13	FLUID	PLUG			CALSE	AL	
RILLE	ED			CORE	BOXES	SIZ	E	FONDI	J. S. C.	
ORE I	RECOVERED	PINE.		45	in the	No.		PORTL	AND	
UMB	ER OF RUNS	The same		100	180					5 0
IZE 0	F HOLE	ST DUY		1						W. P.
10				NE.						
										7-4
EET C	CASED	FR	OM			TO			SIZE	
EET P	REAMED	FR	OM		See A	TO			SIZE	
CAS	ING LEFT IN HOLE	QUANTITY	SIZ	E	LENG	STH	QUANTITY		SIZE	LENGT
	ING CELL IN HOLE	GOTHETH			A STATE OF THE REAL PROPERTY.					
	ING CELL IN HOLE						187		A	
5	THE POLL						1			
	ING CET IN HOLE									
CASIN	G SHOE				NO.					NO.
			es cus	STOME					BOYLES	SE LINES AND DE
-	G SHOE		ES CUS	STOME		de	con		Townson,	SE LINES AND DE
T	G SHOE		CUS	STOME	R	de	con		Townson,	SE LINES AND DE
1	G SHOE IME CHARGES CORE		CUS	STOME	R .6		CON DE MOB		Toronto de	SER LINES AND ADDRESS OF THE PARTY NAMED IN
.1 .2	G SHOE IME CHARGES CORE ROTARY		ES CUE	STOME	.6 .6		DE MOB		Toronto de	SER LINES AND ADDRESS OF THE PARTY NAMED IN
.1 .2	G SHOE IME CHARGES CORE ROTARY REAM		ES CUS	STOME	.6 .6	MOB-	DE MOB		Toronto de	SER LINES AND ADDRESS OF THE PARTY NAMED IN
.1 .2 .3	G SHOE TIME CHARGES CORE ROTARY REAM CASE		ES CUS	STOME	.6 .6 .7	MOB-	DE MOB		Toronto de	SE LINES AND DE
.1 .2 .3 .4	G SHOE IME CHARGES CORE ROTARY REAM CASE CEMENT/RE DRILL	BOYLE	ES CUS	STOME	.6 .6 .7 .8	MOB- MOVE MAIN	DE MOB TENANCE THER		Toronto de	SER LINES AND ADDRESS OF THE PARTY NAMED IN
.1 .2 .3 .4 .5	G SHOE IME CHARGES CORE ROTARY REAM CASE CEMENT/RE DRILL STANDBY/SURVEY	BOYLE	ES CUS	STOME	.6 .6 .7 .8 .9	MOB- MOVE MAIN WEAT	DE MOB TENANCE		BOYLES	Custo C
.1 .2 .3 .4 .5 .6	G SHOE IME CHARGES CORE ROTARY REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING HOL	BOYLE	ES CUS	STOME	.6 .6 .7 .8 .9 .10	MOB- MOVE MAIN WEAT HOLE OTHE	DE MOB TENANCE	ER	Toronto de	CUSPO
.1 .2 .3 .4 .5 .6	G SHOE IME CHARGES CORE ROTARY REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING HOL REGAINED LOST CIR.	BOYLE	ES CUS		.6 .6 .7 .8 .9 .10	MOB- MOVE MAIN WEAT HOLE OTHE	TENANCE THER	ER	BOYLES	SE LINES AND DE
.1 .2 .3 .4 .5 .6	G SHOE IME CHARGES CORE ROTARY REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING HOL REGAINED LOST CIR. OTHER SERVICES	BOYLE	ES CUS		.6 .6 .7 .8 .9 .10 .11 .12	MOB- MOVE MAIN WEAT HOLE OTHE WATE	TENANCE THER		BOYLES	CUSPO
.1 .2 .3 .4 .5 .6 .6	G SHOE IME CHARGES CORE ROTARY REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING HOL REGAINED LOST CIR. OTHER SERVICES	BOYLE	ES CUS		.6 .6 .7 .8 .9 .10 .11 .12 .13	MOB- MOVE MAIN WEAT HOLE OTHE WATE	TENANCE THER	DEF	HOURS	CUSTO

GEOLOGIST

054007A P M



Mining Products Services

TT-2

STICKUP, END OF SHIFT LIGNITE ST-200 DEPTH. END OF SHIFT MUD 25 (2 LB. BAG) AIR-QUIK DEPTH. START OF SHIFT FLUID PLUG CORE BOXES SIZE FONDU PORTLAND PORTLAND PORTLAND SIZE CASING LEFT IN HOLE QUANTITY SIZE LENGTH TO SIZE CASING SHOE NO. TIME CHARGES BOYLES CUSTOMER AGO BOYLES CUSTOMER BOYLES CUSTOM BOYLES COSTOM BOYLES CUSTOM BOYLES COSTOM BOYLES C	IOB N	10.218	LOC.	ase	0	DF	RILL NO	15	10	HOLE	E NO.	-
FOOTAGE MATERIAL USED SIDE SHIFT MUD 2 SODA ASH STICKUP, END OF SHIFT LIGHTE ST-200 DEPTH. END OF SHIFT MUD 25 (2 LB. BAG) AIR-QUIK DEPTH. END OF SHIFT MUD 25 (2 LB. BAG) AIR-QUIK DEPTH. START OF SHIFT FLUID PLUG CALSEAL DEPTH. START OF SHIFT FLUID PLUG DEPTH. START OF SHIFT START OF SHIFT START OF SHIFT FLUID PLUG DEPTH. START OF SHIFT SHIFT START OF SHIFT SHIF	RILL	ER ST 10/10	6		To the	HE	LPER	ari	10	X	Kon)
STICKUP, END OF SHIFT DEPTH, END OF SHIFT DEPTH, START OF SHIFT DEPTH OR DEPT		FOOT	AGE					7.734	MATER	IAL		660
DEPTH. END OF SHIFT MUD 25 (2 LB. BAG) AIR-QUIK DEPTH. START OF SHIFT FLUID PLUIG CORE BOXES SIZE FONDU PORTLAND PORTLAND PORTLAND PORTLAND TO SIZE CASING LEFT IN HOLE QUANTITY SIZE LENGTH QUANTITY SIZE LENGTH QUANTITY SIZE LENGTH LENGTH QUANTITY SIZE LENGTH LENGTH AIR-QUIK CALSEAL FONDU PORTLAND NO SIZE CASING LEFT IN HOLE QUANTITY SIZE LENGTH QUANTITY SIZE LENGTH LENGTH QUANTITY SIZE LENGTH AIR-QUIK LENGTH AIR-QUIK LENGTH DEPTH ON NO NO NO NO NO NO NO NO NO	RODS	. END OF SHIFT			1	MUD 2	-			SOD	A ASH	
DEPTH, START OF SHIFT DRILLED CORE BOXES SIZE FONDU PORTLAND NO. SIZE LENGTH DUANTITY SIZE LENGTH NO. NO. NO. NO. NO. TIME CHARGES BOYLES CUSTOMER 1 CORE 2 ROTARY 6 MOB-DE MOB 4 CASE 8 MOVE 5 CEMENT/RE DRILL 9 MAINTENANCE 6 STANDBY/SURVEY 10 WEATHER 6 WASH/CLEANING HOLE 11 HOLE 6 REGAINED LOST CIR. 12 OTHER 6 OTHER SERVICES BITS BITS BITS BITS BITS BITS DEPTH ON DEPTH OFF DEPTH ON DEPTH ON DEPTH OFF DEPTH ON DE	STICK	UP. END OF SHIFT	N. F.	S. P.	L	IGNITE			1	ST-2	200	
CORE BOXES FONDU CORE RECOVERED CORE RECOVERED CORE RECOVERED CORE BOXES FONDU PORTLAND NO. NO. TIME CHARGES BOYLES LENGTH DUANTITY SIZE LENGTH NO. NO. NO. NO. TIME CHARGES BOYLES CUSTOMER 1 CORE	DEPTH	H. END OF SHIFT	1		T.	AUD 25	5 (2 LB	BAG)	1	AIR-	QUIK	
CASING SHOE NO NO NO NO NO NO NO NO NO	DEPTH	H, START OF SHIFT	5		F	LUID	PLUG	100		CAL	SEAL	
AUMBER OF RUNS SIZE OF HOLE FEET CASED FROM TO SIZE CASING LEFT IN HOLE QUANTITY SIZE LENGTH CASING SHOE TIME CHARGES BOYLES LENGTH AUANTITY SIZE LENGTH NO. TIME CHARGES BOYLES CUSTOMER 1 CORE 2 ROTARY 6 BOYLES CUSTOM 7 MOB-DE MOB 4 CASE 5 CEMENT / RE DRILL 9 MAINTENANCE 10 WEATHER 11 HOLE 12 OTHER 6 WASH/CLEANING HOLE 11 HOLE 12 OTHER 13 WATER HAUL DRIVER BITS BITS BIT NO. SIZE & TYPE DEPTH OFF DEPTH ON DEPTH ON DEPTH ON DEPTH ON	DRILL	ED			(CORE B	BOXES	SIZE	The same	FON	DU	31
FEET CASED FROM TO SIZE FEET REAMED FROM TO SIZE CASING LEFT IN HOLE QUANTITY SIZE LENGTH QUANTITY SIZE LENGTH CASING SHOE NO. NO. TIME CHARGES BOYLES CUSTOMER 1 CORE 2 ROTARY 3 REAM 4 CASE 3 REAM 7 MOB-DE MOB 4 CASE 5 CEMENT/RE DRILL 6 WASH/CLEANING HOLE 11 HOLE 6 REGAINED LOST CIR. 11 HOLE 16 OTHER SERVICES 13 WATER HAUL DRIVER BITS BITS BIT NO. SIZE & TYPE DEPTH OFF DEPTH ON DEPTH OFF DEPTH ON DEPTH OFF DEPTH ON	ORE	RECOVERED			5	8 8	30	1/4		POR	TLAND	
FEET CASED FROM TO SIZE FEET REAMED FROM TO SIZE CASING LEFT IN HOLE QUANTITY SIZE LENGTH QUANTITY SIZE LENGTH CASING SHOE NO. NO. TIME CHARGES BOYLES CUSTOMER 1 CORE 2 ROTARY 5 6 2 ROTARY 6 MOB-DE MOB 4 CASE 5 CEMENT/RE DRILL 7 MOB-DE MOB 6 STANDBY/SURVEY 10 WEATHER 6 WASH/CLEANING HOLE 11 HOLE 6 REGAINED LOST CIR. 12 OTHER 13 WATER HAUL DRIVER BITS BITS BITS BITS BITS BIT NO. SIZE & TYPE DEPTH OFF DEPTH ON DEPTH ON DEPTH OFF DEPTH ON	NUME	BER OF RUNS	5 7		59-10			17/10				
FEET CASED FROM TO SIZE FEET REAMED FROM TO SIZE CASING LEFT IN HOLE QUANTITY SIZE LENGTH QUANTITY SIZE LENGTH CASING SHOE NO. NO. NO. TIME CHARGES BOYLES CUSTOMER 1 CORE 2 ROTARY 3 REAM 7 MOB-DE MOB 4 CASE 8 MOVE 5 CEMENT/RE DRILL 9 MAINTENANCE 6 STANDBY/SURVEY 10 WEATHER 6 WASH/CLEANING HOLE 11 HOLE 6 REGAINED LOST CIR. 12 OTHER 6 OTHER SERVICES BITS BITS BITS BITS BIT NO. SIZE & TYPE DEPTH OFF DEPTH ON MEASON FOR RETIRING	SIZE	OF HOLE	7	No.	990	1		,		-3%	The Control	
CASING LEFT IN HOLE QUANTITY SIZE LENGTH QUANTITY SIZE LENGTH CASING SHOE NO. NO. NO. TIME CHARGES BOYLES CUSTOMER BOYLES CUSTOM 1 CORE 2 ROTARY 6 3 REAM 7 MOB-DE MOB 4 CASE 8 MOVE 5 CEMENT/RE DRILL 9 MAINTENANCE 6 STANDBY/SURVEY 10 WEATHER 6 WASH/CLEANING HOLE 11 HOLE 6 REGAINED LOST CIR. 12 OTHER 6 OTHER SERVICES 13 WATER HAUL DRIVER HOURS MILES BITS BITS BITS BITS	18		100		1	Pal	100	6	30			
CASING LEFT IN HOLE QUANTITY SIZE LENGTH QUANTITY SIZE LENGTH CASING SHOE NO. NO. TIME CHARGES BOYLES CUSTOMER BOYLES CUSTOM 1 CORE .6 2 ROTARY .6 3 REAM .7 MOB-DE MOB 4 CASE .8 MOVE 5 CEMENT/RE DRILL .9 MAINTENANCE 6 STANDBY/SURVEY .10 WEATHER 6 WASH/CLEANING HOLE .11 HOLE 6 REGAINED LOST CIR12 OTHER 6 OTHER SERVICES .13 WATER HAUL DRIVER BITS BIT NO. SIZE & TYPE DEPTH OFF DEPTH ON REASON FOR RETIRING								The same		-	Name of	
CASING LEFT IN HOLE QUANTITY SIZE LENGTH QUANTITY SIZE LENGTH CASING SHOE NO. NO. TIME CHARGES BOYLES CUSTOMER 1 CORE 2 ROTARY 3 REAM 4 CASE 5 CEMENT/RE DRILL 5 CEMENT/RE DRILL 6 STANDBY/SURVEY 10 WEATHER 6 WASH/CLEANING HOLE 11 HOLE 6 REGAINED LOST CIR. 12 OTHER 13 WATER HAUL DRIVER BITS BITS BIT NO. SIZE & TYPE DEPTH OFF DEPTH ON REASON FOR RETIRING	FEET	CASED		FRON	A			TO			SIZE	
CASING SHOE NO. NO. NO. TIME CHARGES BOYLES CUSTOMER 1 CORE 2 ROTARY 3 REAM 4 CASE 5 CEMENT/RE DRILL 6 STANDBY/SURVEY 10 WEATHER 6 WASH/CLEANING HOLE 11 HOLE 12 OTHER 13 WATER HAUL DRIVER BITS BIT NO. SIZE & TYPE DEPTH OFF DEPTH ON REASON FOR RETIRING	FEET	REAMED		FRON	1			TO			SIZE	
TIME CHARGES BOYLES CUSTOMER .6 .6 .2 ROTARY .6 .3 REAM .7 MOB-DE MOB .4 CASE .8 MOVE .5 CEMENT/RE DRILL .9 MAINTENANCE .6 STANDBY/SURVEY .10 WEATHER .6 WASH/CLEANING HOLE .11 HOLE .6 REGAINED LOST CIR. .12 OTHER .6 OTHER SERVICES BITS BIT NO. SIZE & TYPE DEPTH OFF DEPTH ON REASON FOR RETIRING	CAS	SING LEFT IN HOLE	QUAN	TITY	SIZE		LENG	STH	QUANTITY	4	SIZE	LENGT
TIME CHARGES BOYLES CUSTOMER .6 .6 .2 ROTARY .6 .3 REAM .7 MOB-DE MOB .4 CASE .8 MOVE .5 CEMENT/RE DRILL .9 MAINTENANCE .6 STANDBY/SURVEY .10 WEATHER .6 WASH/CLEANING HOLE .11 HOLE .6 REGAINED LOST CIR12 OTHER .6 OTHER SERVICES .13 WATER HAUL DRIVER BITS IT NO. SIZE & TYPE DEPTH OFF DEPTH ON EASON FOR RETIRING								-				1
1 CORE			•			-	10.	3				The Real Property lies
2 ROTARY 3 REAM 7 MOB-DE MOB 4 CASE 8 MOVE 5 CEMENT/RE DRILL 9 MAINTENANCE 6 STANDBY/SURVEY 10 WEATHER 6 WASH/CLEANING HOLE 11 HOLE 16 REGAINED LOST CIR. 12 OTHER 13 WATER HAUL DRIVER BITS BIT NO. SIZE & TYPE DEPTH OFF DEPTH ON BEASON FOR RETIRING			3	BOYLES	CUSTO	OMER		200			BOYLE	CUSTO
.3 REAM 7 MOB-DE MOB .4 CASE 8 MOVE .5 CEMENT/RE DRILL 9 MAINTENANCE .6 STANDBY/SURVEY 10 WEATHER .6 WASH/CLEANING HOLE 11 HOLE .6 REGAINED LOST CIR 1.2 OTHER .6 OTHER SERVICES 13 WATER HAUL DRIVER BITS BIT NO. SIZE & TYPE DEPTH OFF DEPTH ON BIT NO. SIZE & TYPE DEPTH OFF DEPTH ON BEASON FOR RETIRING			20031		1			2 24	SI - PRO			
.4 CASE .5 CEMENT/RE DRILL .9 MAINTENANCE .6 STANDBY/SURVEY .10 WEATHER .6 WASH/CLEANING HOLE .11 HOLE .6 REGAINED LOST CIR12 OTHER .6 OTHER SERVICES .13 WATER HAUL DRIVER BITS BIT NO. SIZE & TYPE DEPTH OFF DEPTH ON BEASON FOR RETIRING	-				1 7 7	DE-		MOR-I	F MOR			
.5 CEMENT/RE DRILL	-			What is	-			-	- W	30.00		
.6 STANDBY/SURVEY .6 WASH/CLEANING HOLE .11 HOLE .6 REGAINED LOST CIR12 OTHER .6 OTHER SERVICES .13 WATER HAUL DRIVER BITS BIT NO. SIZE & TYPE DEPTH OFF DEPTH ON BIT NO. SIZE & TYPE DEPTH OFF DEPTH ON BEASON FOR RETIRING	The state of		4 5 3 3			VIII.			ENANCE		The state of	of Barrie
.6 REGAINED LOST CIR6 OTHER SERVICES .13 WATER HAUL DRIVER BITS BIT NO. SIZE & TYPE DEPTH OFF DEPTH ON BIT NO. SIZE & TYPE DEPTH OFF DEPTH ON BEASON FOR RETIRING				1000		19.1		100000				
BITS SIZE & TYPE DEPTH OFF DEPTH ON BIT NO. SIZE & TYPE DEPTH OFF DEPTH ON BEASON FOR RETIRING	.6	WASH/CLEANING H	OLE	N. N.	100	10	.11	HOLE	CORP. S		E	1 3
BITS SIZE & TYPE DEPTH OFF DEPTH ON BIT NO. SIZE & TYPE DEPTH OFF DEPTH ON BEASON FOR RETIRING	.6	REGAINED LOST CIR			100	TO:	.12	OTHER		7.4	11	100
BIT NO. SIZE & TYPE DEPTH OFF DEPTH ON BIT NO. SIZE & TYPE DEPTH OFF DEPTH ON BEASON FOR RETIRING	.6	OTHER SERVICES		No.			.13	WATER	HAUL DRI	VER	HOURS	MIL
BIT NO. SIZE & TYPE DEPTH OFF DEPTH ON BIT NO. SIZE & TYPE DEPTH OFF DEPTH ON BEASON FOR RETIRING	3 3		in the second	1	13 Val	BI	TS	15 (5)	12903	35-36	200	
REASON FOR RETIRING	BIT N	0. =	SIZE & T	YPE				OFF		DE	EPTH ON	THE PERSON
	BIT N	0.	SIZE & T	YPE		9	DEPTH	OFF		DE	EPTH ON	
DEMADKS	REASO	ON FOR RETIRING		The state of				8-17		7 (1)	1	9 600
	DEN	ARKS (Evoluin dela	ue and ha	le condition)		Riv	(%)	4	ATTAL S	10. 1	TO SERVICE	187 2
	7	74 /MAI	1/1/	Alm.	1481	(10)	1	$\omega \omega \nu$	11 1101	111	1/2 100	77
Marina linia a Milim 1)	2	My Lotal	200	ann	110	100	7	uve	a on	14	ago	1
- Ontralizing aruma	2	Intralig	peny	gar	um	2	7	uw	a on	144	ayo	1

TT-3

SHIFT REPORT

FOREMAN

054007A P M

Mining Products Services

RILLE	R 9/10/10			HELPER	Ko	410	nTin	1
1300	FOOTAGI	E	(9)			MATERIA	L USED	
RODS.	END OF SHIFT		MU	02		S	ODA ASH	38 28
STICKL	JP. END OF SHIFT		LIGI	NITE	1	S	T-200	
DEPTH	. END OF SHIFT		MUI	D 25 (2 LE	B. BAG)	A	IR-QUIK	
DEPTH	, START OF SHIFT		FLU	IID PLUG	194		ALSEAL	
DRILLE	D	Tay -	COF	RE BOXES	SIZE	F	ONDU	T. P. L.
CORE F	RECOVERED				Her.	P	ORTLAND	
NUMB	ER OF RUNS	100	0		V			
SIZE 0	F HOLE		月					
13	No. of the Party Street, Stree			-		1		
97	The Address	PA ST	0	run	(1)	34		
EET C	ASED	FRO	M		TO	1	SIZE	
FEET R	EAMED	FRO	M		TO		SIZE	The state of
CAS	ING LEFT IN HOLE QU	IANTITY	SIZE	LEN	STH	QUANTITY	SIZE	LENGTH
			PATRICE.			1 18 m		100
	3 SHOE			NO.				NO.
Т	IME CHARGES	BOYLE	s Custom	ER			воуц	Name and Address of the Owner, where the Owner, which is the
.1	IME CHARGES	BOYLES	s Custom	ER .6	do		воуц	Name and Address of the Owner, where the Owner, which is the
.1	IME CHARGES CORE ROTARY	BOYLES	s Custom	.6 .6		DE MOR	ВОУЦ	Name and Address of the Owner, where the Owner, which is the
.1 .2 .3	CORE ROTARY REAM	BOYLES	S CUSTOM	.6 .6	MOB-	DE MOB	ВОУЦ	Name and Address of the Owner, where the Owner, which is the
.1 .2 .3	IME CHARGES CORE ROTARY REAM CASE	BOYLE	S CUSTOM	.6 .6 .7	MOB-	DE MOB	ВОУЦ	Name and Address of the Owner, where the Owner, which is the
.1 .2 .3	CORE ROTARY REAM	BOYLES	S CUSTOM	.6 .6	MOB-	DE MOB TENANCE	ВОУ	Name and Address of the Owner, where the Owner, which is the
.1 .2 .3 .4	CORE ROTARY REAM CASE CEMENT/RE DRILL	BOYLE	S CUSTOM	.6 .6 .7 .8	MOVE MAIN	DE MOB TENANCE	ВОУЦ	Name and Address of the Owner, where the Owner, which is the
.1 .2 .3 .4 .5	CORE ROTARY REAM CASE CEMENT/RE DRILL STANDBY/SURVEY	BOYLES	S CUSTOM	.6 .6 .7 .8 .9	MOVE MAIN' WEAT	DE MOB TENANCE HER	ВОУЦ	Name and Address of the Owner, where the Owner, which is the
.1 .2 .3 .4 .5 .6	IME CHARGES CORE ROTARY REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING HOLE	BOYLE	S CUSTOM	.6 .6 .7 .8 .9 .10 .11	MOR- MOVE MAIN' WEAT HOLE OTHER	DE MOB TENANCE HER	1,	ES CUSTOM
.1 .2 .3 .4 .5 .6	IME CHARGES CORE ROTARY REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING HOLE REGAINED LOST CIR.	BOYLE		.6 .6 .6 .7 .8 .9 .10 .11 .12 .13	MOR- MOVE MAIN' WEAT HOLE OTHER	DE MOB TENANCE HER	1,	ES CUSTOM
.1 .2 .3 .4 .5 .6 .6	CORE ROTARY REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING HOLE REGAINED LOST CIR. OTHER SERVICES	BOYLES 8 TYPE		.6 .6 .7 .8 .9 .10 .11 .12	MOB- MOVE MAIN' WEAT HOLE OTHER WATE	DE MOB TENANCE HER	1,	ES CUSTOM
.1 .2 .3 .4 .5 .6	IME CHARGES CORE ROTARY REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING HOLE REGAINED LOST CIR. OTHER SERVICES			.6 .6 .6 .7 .8 .9 .10 .11 .12 .13 BITS	MOB- MOVE MAIN' WEAT HOLE OTHER WATE	DE MOB TENANCE HER	HOU	ES CUSTON

GEOLOGIST

SHIFT REPORT

Mining Products/Services

DATE	8-6-85	SHIFT	: DAY	-	SI	VING	1		NITE		923
JOB N	48-218	LOC	Pres	00	DF	RILL NO	BZ	80	HOLE	NO. EZ	-2
DRILLI	R artie	100	ine	2)	HE	LPER	Re	NX	9/1	illie	1
	FOOT	AGE						MATER	RIAL	USED	
RODS.	END OF SHIFT				MUD 2			2	SODA	A ASH	
STICK	UP. END OF SHIFT		-	-1	LIGNITE	1 1	1.50		ST-2	00	
DEPTH	. END OF SHIFT		8	8	MUD 25	(2 LB	BAG)		AIR-	QUIK	5% 120
DEPTH	I. START OF SHIFT				FLUID	PLUG			CALS	SEAL	
DRILL	ED				CORE E	OXES	SIZE		FONI	DU	
CORE	RECOVERED			19	PANU	one	to	8	PORT	TLAND	3
NUMB	ER OF RUNS	10/20		12.4	Poll	Ost	2	1			3
SIZE (OF HOLE	1			Tine	Sa	nd	1	- Aller	* · · · · · · ·	
		182			BAR	220)	Band	16			
345						79					
FEET (CASED		FR	OM	ST. ST.		ТО		1.	SIZE	
FEET F	REAMED		FR	OM			TO	- 4		SIZE	
CAS	ING LEFT IN HOLE	QUA	NTITY	SIZ	E	LENG	STH	QUANTIT	Υ	SIZE	LENGTH
1.81											
1			Page 1								
		T WAR		ELL S	1	No. of	149			A. A.	
CASIN	G SHOĘ				1	10.				Total Line	NO.
T	IME CHARGE	S	BOYLE	s cu	STOMER			1		BOYLES	CUSTOM
1	CORE					.6	d	con)		8
.2 -	MOTATIV Queg	er)	2			.6		W	33		
.3	REAM 0		13.5			.7	MOB-I	DE MOB			
.4	CASE		4			.8	MOVE			2	
.5	CEMENT/RE DRILL			3	The second	.9	MAINT	ENANCE	713	141	100
.6	STANDBY/SURVEY		1335	-	T. Wall	.10	WEAT	HER	- 14		4 250
.6	WASH/CLEANING H	HOLE		3	3	.11	HOLE		100		
.6	REGAINED LOST CIF	₹.	15.3			.12	OTHER	1			
.6	OTHER SERVICES		13	A P	1	.13	WATE	R HAUL DR	IVER	HOURS	MILES
1000	64	1000	TO SERVICE		BI	TS		1000	200		
BIT NO).	SIZE &	TYPE	4		DEPTH	OFF		DE	EPTH ON	The Contract of the Contract o
BIT NO		SIZE &	TYPE		1	DEPTH	OFF		DE	PTH ON	
	IN FOR RETIRING	1		7.4		,	~	,,		-	LEVIS.
REN	MARKS (Explain del	ays and h	ole conditio	in) 11	ald		10	00	as	ing	British .
9	2200	200	elp	/	wo	rice	w	al	76	50.11	,
	/	37	4					We by			Ser y
100	11 51		,		10	,	-	135.3	1	315	1
FOREM	Myllour	ne	10	Fan	Ny	SEOLO(GIST	THE STATE OF THE S	-7-1		ATTEN!
05400	7A (P) M	-		CUST	OMER						

Boyles Bros.

TT-5

SHIFT REPORT

MORION Mining Products Services

DATE	8-4-85	SHIFT	: DAY		S	WING	94 A		NITE		
JOB N	48-218	LOC.	Mas	co	D	RILL NO	B	-80	HOLE	NO. F	5-3
DRILLE	19/2/V	Fre	ank	Om	/ Н	ELPER	9	illeb	4	Blic	,
	FOOT	AGE	, 0,			500		MATER	IAL	USED	
RODS.	END OF SHIFT				MUD 2	2		5	SODA	ASH	
STICK	UP. END OF SHIFT	7113			LIGNIT	E			ST-20	00	
DEPTH	. END OF SHIFT		817	13-12	MUD 2	25 (2 LB	B. BAG)		AIR-0	DUIK	
DEPTH	, START OF SHIFT	100	7		FLUID	PLUG			CALS	EAL	
DRILLE	ED	1	80		CORE	BOXES	SIZE		FOND	U	
CORE	RECOVERED	200	1			3		1	PORT	LAND	6
NUMB	ER OF RUNS				coar	pes	and	6	Pos	Moto	3
SIZE C	OF HOLE					e 54		/	-		
				-							-
		1					3				
FEET (CASED		FRO	MC			TO	300		SIZE	
FEET F	REAMED		FRO	MC			ТО		N. Te	SIZE	
CAS	ING LEFT IN HOLE	QUA	YTITY	SIZ	ZE	LENG	GTH	QUANTIT	4	SIZE	LENGTH
- 1									10		
							77				
					7 3		50.00		3 3		
CASIN	G SHOE		5-3-3	-		NO.	N. P.				NO.
T	IME CHARGE	S	BOYLE	s cu	STOMER		-			BOYLES	CUSTOMER
.1	CORE					.6					
.2	Juge	W	4		t.es	.6	1 - 30	The said	27/6	100	0 图画的
.3	REAM		1			.7	MOB-	DE MOB			
.4	CASE	4,4	3			.8	MOVE	S MAN		N CONT	A POST
.5	CEMENT/RE DRILL	2	1			.9	MAINT	TENANCE			HOLE TO
.6	STANDBY/SURVEY		180	3 5		.10	WEAT	HER		2	The same
.6	WASH/CLEANING H	HOLE		3		.11	HOLE				Pale
.6	REGAINED LOST CIE	R.			34	.12	OTHER	3		14%	
.6	OTHER SERVICES				1	.13	WATE	R HAUL DRI	VER	HOURS	MILES
					BI	TS					
BIT NO).	SIZE &	TYPE			DEPTH	OFF	William.	DE	PTH ON	7 1- San
BIT NO).	SIZE &	TYPE		The same	DEPTH	OFF		DE	PTH ON	
REASO	N FOR RETIRING							4.0	40		
REN	MARKS (Explain del	lays and h	ole conditio	n)			,	1	3/3	, ,	
1	roter ax	16	5	-11	sed.	20	200	neer	sei	clion	9
The state of the s				1000		Section 1975		THE RESERVE AND ADDRESS OF THE PARTY.		THE RESERVE OF THE PARTY OF THE	The state of the s
_	ST feet o	80 6	ase	nd			- 9		200		

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SHIFT REPORT

NORTON Mining Products / Services

_							mining record			The state of the s
DATE	7-13-85 s	HIFT: DAY	9.74	S	WING			NITE		
JOB N	048-218	oc. Pas	co	/ D	RILL NO).		HOLE	NO.	The State of
DRILLE	ERTK L. F	ranke	en	/ H	ELPER	Ke	N 90	ne	2	
	FOOTA	GE					MATERI	AL U	SED	
RODS.	END OF SHIFT			MUD 2	2			SODA	ASH	
STICK	UP, END OF SHIFT		The same	LIGNIT	E		1	ST-20	0	
DEPTH	, END OF SHIFT			MUD 2	5 (2 LB	BAG)		AIR-Q	UIK	THE REAL PROPERTY.
DEPTH	H, START OF SHIFT			FLUID	PLUG			CALSE	AL	
DRILLI	ED			CORE	BOXES	SIZE		FOND	J	
CORE	RECOVERED							PORTL	AND	
NUMB	ER OF RUNS				6 3					
SIZE C	OF HOLE	P SE YS		188	CHA	8 6 3	4 5	-		
- 37				THE STATE OF	BAS				No. of the last	100 第1 位
	A STATE OF THE STA	10 80 10 4	Sen in	100	1					N. 1-36.
FEET (CASED	FR	OM	194	W.	TO		2 33	SIZE	2
FEET F	REAMED	FR	OM			ТО			SIZE /	1
CAS	SING LEFT IN HOLE	QUANTITY	SI	ZE	LENG	STH	QUANTITY		SIZE	LENGTH
417	-, -, -				- 1		TO BEET TO		7000	NEM TE
			with the		AUG.	- Sw	Mary Service		TERE	
MIS	100			Total I				A PARTY		AUG R
CASIN	IG SHOE	1149			NO.				C In Part I	NO.
T	IME CHARGES	BOYLE	s cu	STOMER	199	To be		19900	BOYLES	CUSTOMER
.1	CORE				.6					100 5
.2	ROTARY				.6	2 10	12.74	AMA	1 - 1/2	
.3	REAM		PH N	The same	.7	MOB-I	DE MOB		4	
.4	CASE	1980	13/10	OF S	.8	MOVE	17.00	1	100	1245
.5	CEMENT/RE DRILL	A TOTAL		500 YE	.9	MAINT	TENANCE		3	21
.6	STANDBY/SURVEY			I Proper	.10	WEAT	HER		13.14	
.6	WASH/CLEANING HOLI	E			.11	HOLE	and Rolling	144	B 2 3	
.6	REGAINED LOST CIR.	200		7. 3.	.12	OTHER	3	PE	1 1 1 1	
.6	OTHER SERVICES	4 163	100		.13	WATE	R HAUL DRIV	ER	HOURS	MILES
10000		100000		BI	ITS	-1980		1980	- Carlo 12	
BIT NO	O. SIZ	E & TYPE	CE.		DEPTH	OFF	50000	DEF	TH ON	
BIT NO		E & TYPE		377	DEPTH	OFF		DEP	TH ON	1 44 F
_	ON FOR RETIRING	R COME S	1772	State of	130	27	ARCE SE	10 10		A THE RES
REN	MARKS (Explain delays	and hole condition	in) 7	nes.	17	-/	, Own	/_	wm.	.0)
-	1. 7/	2) 60%	100	neg	Al	1	1,00	1	ada	nN-A
1	Modera	Dell	201	me	an	79	yeu	un	gove	ring
-0	The west	auch	per		tan "	1 74	English P	100		0
FOREM	IAN	0	1		GEOLO	GIST		The sale	1	
_		100000000000000000000000000000000000000	CHET	TOMER	OLULU		4 4		7	The state of the s
05400	7A P M		003	UNIER						

SHIFT REPORT

OB NO	48-188	LOC.	Pari	- no	DRILL NO	0.	BE CHANGE	HOLE N	VO.	
RILLE	R 21.2, 9	J	ank	Vin	HELPER	R	an a	m	en	
RES	FOOT						MATERIA	AL U	SED	
ODS.	END OF SHIFT		45	MU	D 2			SODA A	ASH	
TICK	UP, END OF SHIFT	54	-HARLES	LIGI	NITE	A ST		ST-200		
EPTH	. END OF SHIFT		in the same	MUI	D 25 (2 LE	B. BAG)	1	AIR-QL	JIK	The Re
EPTH	, START OF SHIFT	-		FLU	IID PLUG			CALSE	AL	
RILLE	ED			COF	RE BOXES	SIZ	Œ	FONDU		
ORE	RECOVERED							PORTL	AND	
IUMB	ER OF RUNS				36			Sept.	AND RET	
IZE 0	OF HOLE			1					2	23
V.ES										
EET C	CASED	1	FROM	1		TO		5	SIZE	
EET F	REAMED	137	FRON			TO		5	SIZE	
CAS	ING LEFT IN HOLE	QUAN	YTITY	SIZE	LENG	GTH	QUANTITY		SIZE	LENGTH
	G SHOE				NO.	189	100		1	NO.
	G SHOE	S	BOYLES	CUSTOM	Name and Address of the Owner, where				BOYLES	
		S	BOYLES	CUSTOM	ER .6		a-Co,	w	1	
.1 .2	CORE ROTARY	S	BOYLES	CUSTOM	.6 .6	D		w	1	
.1 .2 .3	CORE ROTARY REAM	S	BOYLES	CUSTOM	.6 .6	МОВ	-DE MOB	w	1	
.1 .2 .3	CORE ROTARY REAM CASE	S	BOYLES	CUSTOM	.6 .6 .7	MOB- MOVE	-DE MOB	w	BOYLES	
.1 .2 .3 .4	CORE ROTARY REAM CASE CEMENT/RE DRILL	S	BOYLES	CUSTOM	.6 .6 .7 .8	MOB- MOVE MAIN	-DE MOB E ITENANCE	n	1	
.1 .2 .3 .4 .5	CORE ROTARY REAM CASE CEMENT/RE DRILL STANDBY/SURVEY		BOYLES	CUSTOM	.6 .6 .7 .8 .9	MOB- MOVE MAIN WEAT	-DE MOB E ITENANCE THER	w	BOYLES	
.1 .2 .3 .4 .5 .6	CORE ROTARY REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING H	OLE	BOYLES	CUSTOM	.6 .6 .7 .8 .9 .10 .11	MOB- MOVE MAIN WEAT HOLE	-DE MOB E ITENANCE THER	n	BOYLES	
.1 .2 .3 .4 .5 .6 .6 .6	CORE ROTARY REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING H REGAINED LOST CIR	OLE	BOYLES	CUSTOM	.6 .6 .7 .8 .9 .10 .11 .12	MOB- MOVE MAIN WEAT HOLE	-DE MOB E ITENANCE THER		BOYLES	
.1 .2 .3 .4 .5 .6	CORE ROTARY REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING H	OLE	BOYLES		.6 .6 .6 .7 .8 .9 .10 .11 .12 .13	MOB- MOVE MAIN WEAT HOLE	-DE MOB E ITENANCE THER		JO	CUSTON
.1 .2 .3 .4 .5 .6 .6 .6 .6 .6	CORE ROTARY REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING H REGAINED LOST CIR OTHER SERVICES	OLE .			.6 .6 .6 .7 .8 .9 .10 .11 .12 .13	MOB- MOVE MAIN WEAT HOLE OTHE	-DE MOB E ITENANCE THER	R	JO HOURS	CUSTON
.1 .2 .3 .4 .5 .6 .6 .6 .6 .6	CORE ROTARY REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING H REGAINED LOST CIR OTHER SERVICES	OLE	TYPE		.6 .6 .6 .7 .8 .9 .10 .11 .12 .13 BITS DEPTH	MOB- MOVE MAIN WEAT HOLE OTHE	-DE MOB E ITENANCE THER	R DEP	HOURS TH ON	CUSTON
.1 .2 .3 .4 .5 .6 .6 .6 .6 .6 .1T NO	CORE ROTARY REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING H REGAINED LOST CIR OTHER SERVICES	OLE .	TYPE		.6 .6 .6 .7 .8 .9 .10 .11 .12 .13	MOB- MOVE MAIN WEAT HOLE OTHE	-DE MOB E ITENANCE THER	R DEP	JO HOURS	CUSTON
.1 .2 .3 .4 .5 .6 .6 .6 .6 .6 .1T NO	CORE ROTARY REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING H REGAINED LOST CIR OTHER SERVICES	OLE SIZE & 1	TYPE		.6 .6 .6 .7 .8 .9 .10 .11 .12 .13 BITS DEPTH	MOB- MOVE MAIN WEAT HOLE OTHE	-DE MOB E ITENANCE THER	R DEP	HOURS TH ON	CUSTON
.1 .2 .3 .4 .5 .6 .6 .6 .6 .6 .1T NO	CORE ROTARY REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING H REGAINED LOST CIR OTHER SERVICES	OLE SIZE & 1	TYPE		.6 .6 .6 .7 .8 .9 .10 .11 .12 .13 BITS DEPTH	MOB- MOVE MAIN WEAT HOLE OTHE	-DE MOB E ITENANCE THER	R DEP	HOURS	CUSTON
.1 .2 .3 .4 .5 .6 .6 .6 .6 .6 .1T NO	CORE ROTARY REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING H REGAINED LOST CIR OTHER SERVICES	OLE SIZE & 1	TYPE		.6 .6 .6 .7 .8 .9 .10 .11 .12 .13 BITS DEPTH	MOB- MOVE MAIN WEAT HOLE OTHE	-DE MOB E ITENANCE THER	R DEP	HOURS	CUSTON

CUSTOMER

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SHIFT REPORT

054007A P M

DATE	7-16-8	SHIFT	DAY A		SV	NING		mining Product	NITE		
JOB N	48-188	LOC.	Pari	nn	DF	RILL N).		HOLE	NO. #	F-1
DRILL	247	2	Sian	60	HE	LPER	10	Kan	0	201	
	FOOT	AGE						MATER	AL U	SED	
RODS.	END OF SHIFT	A		N	MUD 2				SODA	ASH	7 20
STICK	UP. END OF SHIFT			L	IGNITE				ST-20)	
DEPTH	. END OF SHIFT	23	43	N	AUD 25	(2 LE	. BAG)		AIR-QI	UIK	N S A S
DEPTH	I, START OF SHIFT	0	0	F	LUID F	PLUG			CALSE	AL	
DRILL	ED	2 34		C	CORE B	OXES	SIZ	E	FONDU	J	35 8
CORE	RECOVERED	200				1			PORTL	AND	
NUMB	ER OF RUNS	546		E ST							40 335
SIZE (OF HOLE	1									
		700	A PERSON						200		
		23.5	100		No.						
FEET (CASED	die in	FRO	M			ТО			SIZE	
FEET F	REAMED		FROM	M		TE	TO	7 1		SIZE	
CAS	ING LEFT IN HOLE	QUAN	NTITY	SIZE		LEN	STH	QUANTITY		SIZE	LENGTH
									1000		#
The second						100		FAVE.	1		
								1000			4 (5)
CASIN	G SHOE		534		N	10.	-	1	188		NO.
T	IME CHARGE	S	BOYLES	CUSTO	OMER					BOYLES	CUSTOME
.1	CORE		3 5 7%			.6				1	
.2	au	900)	12	1 3		.6			10.4		
.3	REAM	3	1000	1000	a Section	.7	MOB-	DE MOB		16 23	
.4	CASE		250	1		.8	MOVE		A. Committee	7 3	
.5	CEMENT/RE DRILL	13.00		1		.9	MAIN	TENANCE			1
.6	STANDBY/SURVEY	100		100		.10	WEAT	HER	100	1000	F (84. 12.1)
.6	WASH/CLEANING	HOLE			200	.11	HOLE	154			
.6	REGAINED LOST CI	R.		-	54	.12	OTHE	R			
.6	OTHER SERVICES		-	100		.13	WATE	R HAUL DRIV	ER	HOURS	MILES
					BI	TS	3				
BIT NO).	SIZE & T	TYPE	-30	3	DEPTH	OFF	1	DEP	TH ON	
BIT NO		SIZE & T	TYPE	THE ST		DEPTH	OFF		DEP	TH ON	
	N FOR RETIRING			-				115.00	-		13 2
REN	MARKS (Explain de	lays and ho	ole condition)				1		7.50		
100		The second	1000				100		N. F.		
100	THE PERSON	Sept.	747	FE G		13	1-	1			
OREM	AN	100	72.5	Salvania.	THE.	GEOLOG	TZIST		1.00		

SHIFT REPORT

Mining Products / Services

ATE 7	-17-83	SHIFT	DAY L	-	SWIN	G			NITE	-	
IOB NO.	48218	LOC.	asc	9	DRILL	NO	11 - 1	3.30	HOLE N	O.E.E	-4
RILLER	21.200	-na	nkle	n	HELPE	R	Kenya	ne	140		moor
	FOOT	AGE					MA	0.71	AL US		
RODS, EN	D OF SHIFT			MU	JD 2			2	SODA A	SH	
TICKUP.	END OF SHIFT			LIE	GNITE				ST-200	430	
EPTH. EI	ND OF SHIFT		72	MU	JD 25 (2	LB	. BAG)		AIR-QU	IK	
EPTH, S	TART OF SHIFT	5	0	FL	UID PLU	G			CALSEA	IL.	
RILLED		- 9	72	CO	RE BOXE	ES	SIZE		FONDU	7.11	
ORE REC	OVERED		•						PORTLA	ND	7
UMBER	OF RUNS			6	000	2	Wand-	4			50 10
IZE OF H	HOLE			F	1116	3	and 1	/	MAG.		23/1
				B	cator	i	thellet	1	774		
14.74		= 1			1						
EET CAS	ED 72	2	FROM	+2	2		TO 7	0	S	ZE 2	11
EET REA	MED		FROM	1			TO 2	00	1) &	200	een
CASING	LEFT IN HOLE	QUA	YTITY	SIZE	L	ENG	TH QU	ANTITY		SIZE	LENGTH
		1000	18/4/17						139		
ASING S		•		l e	NO.						NO.
	IE CHARGE	5	BOYLES	CUSTO	-		P 6	100	N	BOYLES	CUSTOME
	ORE	7	-		-	.6	TOGKT	hig	TOU	02	10
V 75	augu	/	0			.6	MOB-DE MO	20		-	1
	EAM /		21			7		/D		0	
	ASE DOLL		3/			.8	MOVE	05		2	
	TANDBY/SURVEY		100	100		9	MAINTENAN WEATHER	IUE	-	11 11	
	VASH/CLEANING H	IOLE				11	HOLE		EV		
	EGAINED LOST CIR	-	-			12	OTHER		2 34	200	
	THER SERVICES			1			-	II DRIVE	D	HOURS	MILES
.6 0	THER SERVICES	100		1		13	WATER HAL	L DRIVE	n	atroffers S	
UT NO		C17F 9 -	TVDE		BITS	_	OCC		DCCT	'H ON	
IIT NO.	1.06.7	SIZE &					OFF			HON	
EASON E	FOR RETIRING	SIZE &	TPE		UEF	111	OFF	70	DEPT	II UN	The second
		70.		-	10		115	1	No.		10000
KEMA	RKS (Explain dela	ays and h	ole condition)	de	llei	1	ffee	10	000	ense	pana
w	thorn	201-	Little	100	200	4	0,21	ato	07	able	at 4.
Oa	in Aled	1ain	eny	and	to	F	70'				
0	1		11			4	1	64	The same		
OREMAN	MS DELLE	New York	- 36-		GEO	DLOC	GIST	150	Mr. T	. 3	4.65
		_		CUSTOM							

Bovies Bros. DRILLING COMPANY

* 75-10

SHIFT REPORT

Mining Products Services

OB N	11-11 6	fasco	7		RILL NO	0.	1	HOLE	-	E-4
DRILLE	M. W.	ank	1	V H	ELPER	X	MATERI	es AL II		taron
RODS	FOOTAGE END OF SHIFT			MUD 2	,		WATER	SODA		
	UP, END OF SHIFT		- 100	LIGNIT				ST-200		
ALT-Y	. END OF SHIFT		31		5 (2 LB	B. BAG)		AIR-QI		
	, START OF SHIFT	N. SA	· R	FLUID			2 -5 5	CALSE	AL	224
DRILLE	ED			CORE	BOXES	SIZ	E	FONDU	J	
CORE	RECOVERED	me Pla	1	1000		- 3	9	PORTL	AND	1
NUMB	ER OF RUNS	N. M.		Can	nnn	0) 8	nd 1	20	1200	(000)
SIZE 0	OF HOLE		2	Na	ba)	Park	22	6	300	64
1		100 8		1		1		Bi		-
				133	gal	Bu	n 12		***	101
PEET (CASED	FROM	F,	1	-	TO	2/1	9	SIZE	. 6
FEET F	REAMED	FROM				TO			SIZE	
CAC	INC LEET IN HOLE OU	ANTITY	SIZ	ZE	LENG	STH	QUANTITY	-	SIZE	LENGTH
CASIN	G SHOE			-	NO.					NO.
CASIN	G SHOE	BOYLES		STOMER					BOYLES	
CASIN T	G SHOE TIME CHARGES CORE			-	.6				BOYLES	
CASINI T	G SHOE IME CHARGES CORE ROTARY			-	.6		2000		BOYLES	
.1 .2 .3	G SHOE IME CHARGES CORE ROTARY REAM			-	.6	мов-	DE MOB		BOYLES	
.1 .2 .3	G SHOE TIME CHARGES GORE ROTARY REAM CASE			-	.6 .6 .7	MOVE	DE MOB		BOYLES	
.1 .2 .3 .4 .5	G SHOE IME CHARGES CORE ROTARY REAM CASE CEMENT/RE DRILL			-	.6 .6 .7 .8	MOVE MAIN	DE MOB TENANCE		BOYLES	
.1 .2 .3 .4 .5	G SHOE IME CHARGES CORE ROTARY REAM CASE CEMENT/RE DRILL STANDBY/SURVEY			-	.6 .6 .7 .8 .9	MOR- MOVE MAIN WEAT	DE MOB TENANCE THER		BOYLES	
.1 .2 .3 .4 .5	G SHOE IME CHARGES CORE ROTARY REAM CASE CEMENT/RE DRILL			-	.6 .6 .7 .8	MOVE MAIN	DE MOB TENANCE THER		BOYLES	
.1 .2 .3 .4 .5 .6 .6	G SHOE IME CHARGES CORE ROTARY REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING HOLE			-	.6 .6 .7 .8 .9 .10	MOR- MOVE MAIN WEAT HOLE OTHE	DE MOB TENANCE THER	EER	BOYLES	
.1 .2 .3 .4 .5 .6 .6 .6 .6	G SHOE IME CHARGES CORE ROTARY REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING HOLE REGAINED LOST CIR.			STOMER	.6 .6 .7 .8 .9 .10 .11	MOR- MOVE MAIN WEAT HOLE OTHE	DE MOB TENANCE THER	ER	8	S CUSTO
.1 .2 .3 .4 .5 .6 .6 .6 .6	G SHOE IME CHARGES CORE ROTARY REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING HOLE REGAINED LOST CIR. OTHER SERVICES	BOYLES		STOMER	.6 .6 .7 .8 .9 .10	MOB- MOVE MAIN WEAT HOLE OTHE WATE	DE MOB TENANCE THER		8	S CUSTO
.1 .2 .3 .4 .5 .6 .6 .6 .6	G SHOE IME CHARGES CORE ROTARY REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING HOLE REGAINED LOST CIR. OTHER SERVICES	BOYLES		STOMER	.6 .6 .7 .8 .9 .10 .11 .12 .13	MOB- MOVE MAIN WEAT HOLE OTHE WATE	DE MOB TENANCE THER	DEP	HOURS	S CUSTO

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SHIFT REPORT

OB N	048188	LOC.	2001	9	DRILL NO	B	50	HOLE	NO.	E
RILL	ARRE			FRA	HELPER	Ini	wt.	2/1	Wil	1
13.51	FOOTA	GE			10/02		MATER	IAL	USED	
RODS.	END OF SHIFT	9		M	UD 2			SODA	ASH	
STICK	UP, END OF SHIFT		~	LI	GNITE	Tog		ST-20	00	
DEPTH	I. END OF SHIFT	-	78	M	UD 25 (2 LB	BAG)		AIR-C	UIK	1
DEPTH	, START OF SHIFT		0,	FL	UID PLUG	36.3		CALS	EAL	
DRILL	ED	1	18	C	ORE BOXES	SIZ		FOND	U	
CORE	RECOVERED		P. C.	1	+ coa	ne	and	PORT	LAND	
NUMB	ER OF RUNS			1	law	and	//			
SIZE (OF HOLE	100		1	Page 1					
						-	F 7.3	4	22	1
50	**	2	1	1	30R	Ode	alus L	5	170	P. B. C.
FEET I	CASED	193.7	FROM		1	TO		179.	SIZE	1
FEET I	REAMED	in the	FROM			TO		BASS	SIZE	
CAS	ING LEFT IN HOLE	QUANTI	TY	SIZE	LENG	STH	QUANTITY		SIZE	LENGT
CASIN	G SHOĘ				NO.					NO.
	G SHOE		BOYLES	custo	-				BOYLE	
1	CORE CHARGES	3	BOYLES	CUSTO	MER .6				BOYLE	
.1	CORE ROTARY Quego	4	BOYLES	custo	MER .6				BOYLE	
.1 .2 .3	CORE ROTARY OUGG	4	BOYLES	custo	MER .6 .6 .7		DE MOB		BOYLE	
.1 .2 .3 .4	CORE ROTARY Ougo REAM CASE	4	BOYLES	6 6	.6 .6 .7	MOVE			BOYLE	
.1 .2 .3 .4 .5	CORE ROTARY OUGGE REAM CASE CEMENT/RE DRILL	4	BOYLES	6 6	.6 6 .7 8	MOVE MAIN	TENANCE		BOYLE	
.1 .2 .3 .4 .5	CORE ROTARY OUGO REAM CASE CEMENT/RE DRILL STANDBY/SURVEY	(a)	BOYLES	6 6	.6 .6 .7 .8 .9 .10	MOVE MAIN WEAT	TENANCE		BOYLE	
.1 .2 .3 .4 .5 .6	CORE ROTARY OUGA REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING HO	(a)	BOYLES	6 6	MER .6 .6 .7 .8 .9 .10 .11	MOVE MAIN WEAT HOLE	TENANCE		BOYLE	
.1 .2 .3 .4 .5 .6 .6	CORE ROTARY OUGGE REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING HOLE REGAINED LOST CIR.	(a)	BOYLES	6 6	.6 .6 .7 .8 .9 .10 .11 .12	MOVE MAIN WEAT HOLE OTHE	TENANCE HER			ES CUSTO
.1 .2 .3 .4 .5 .6	CORE ROTARY OUGA REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING HO	(a)	BOYLES	сизто 6	MER .6 .6 .7 .8 .9 .10 .11 .12 .13	MOVE MAIN WEAT HOLE OTHE	TENANCE	/ER	HOUR	ES CUSTO
.1 .2 .3 .4 .5 .6 .6	CORE ROTARY OUGA REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING HOI REGAINED LOST CIR. OTHER SERVICES	LE		6 6	.6 .6 .7 .8 .9 .10 .11 .12 .13 BITS	MOVE MAIN' WEAT HOLE OTHE WATE	TENANCE HER		HOUR	ES CUSTO
.1 .2 .3 .4 .5 .6 .6 .6 .6 .6	CORE ROTARY CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING HO REGAINED LOST CIR. OTHER SERVICES	LE LE	PE	6 6	.6 .6 .7 .8 .9 .10 .11 .12 .13 BITS DEPTH	MOVE MAIN WEAT HOLE OTHE WATE	TENANCE HER	DE	HOURS	ES CUSTO
.1 .2 .3 .4 .5 .6 .6 .6 .6 .6	CORE ROTARY CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING HO REGAINED LOST CIR. OTHER SERVICES	LE	PE	сизто 6	.6 .6 .7 .8 .9 .10 .11 .12 .13 BITS	MOVE MAIN WEAT HOLE OTHE WATE	TENANCE HER	DE	HOUR	ES CUSTO

DRILLE	RKON			HE	LPER .	21	iller	4	Ani	w
F-18	FOOTA	GE				300	MATER	AL U	SED	
RODS.	END OF SHIFT			MUD 2	GO,			SODA	ASH	
STICK	UP. END OF SHIFT		9 5	LIGNITE		1		ST-20	0	100
DEPTH	. END OF SHIFT	72		MUD 25	(2 LB	BAG)	2	AIR-Q	UIK	
DEPTH	START OF SHIFT	0		FLUID	PLUG			CALSE	AL	A LO
DRILLE	ED .	72		CORE E	OXES	SIZE		FOND	J Se	
CORE	RECOVERED			Ro	202	ses	12	PORTL	AND	2
NUMB	ER OF RUNS			Fal	S	ann	11			
SIZE 0	F HOLE			Pos	abo	to	/	- 50		784 3 A
1		3 ()					0 233	D. D	100	
			The same	and the	115		13.5%	Bay.	537	1600
EET C	CASED 71	FRI	OM	0		TO	71	1	SIZE	THE SE
EET F	REAMED	FRO	OM		134	TO	10		SIZE	
CAS	ING LEFT IN HOLE	QUANTITY	SIZE		LENG	STH	QUANTITY		SIZE	LENGTH
1960				200	-			100	100	
		ALC: N			all a	elle.				18
1 77		4566		10.4	100	15.77	No.		100	
CASINI	G SHOE				10.					NO.
	IME CHARGES	BOYLE	s cus	TOMER		2000	100000	E SOUR	BOYLES	CUSTOME
.1	CORE				.6			1500		
.2		06 2			.6	ACC.		B - 2	100	
.3	REAM	W 3			.7	MOR-I	DE MOB		3896	
.4	CASE	1		3 44	.8	MOVE			2	
.5	CEMENT/RE DRILL	6			.9		TENANCE	* 10	0	
.6	STANDBY/SURVEY		2 30		.10	WEAT		80 C		
.6	WASH/CLEANING HO	I E	The last of	4.00	.11	HOLE	nen	Name of Street		1
		LE		Office Dr.	.12		4	35 08	POR S	
.6	REGAINED LOST CIR.		70	1 - 20		OTHER	- 1	r.D.	HOURS	MILES
.6	OTHER SERVICES	50 9 5276			.13	WATE	R HAUL DRIV	EH	A SERVICE	
NIT NIC		TE D THEF		BI	- Chromosom	055			THE CAL	
BIT NO		ZE & TYPE	100		DEPTH			100	TH ON	
BIT NO		ZE & TYPE	Ser.		DEPTH	OFF	Say Company	DEP	TH ON	
	N FOR RETIRING	The same	0		1.	-	250	10 -		11.
REN	IARKS (Explain delays	and hole condition	n) \ Sc	and	1	10	mal	eg	rant	
	+ · · ·	-hen	7	0-				1		
11	alen ia	mu .	1) (1					The sale of the sa	

SHIFT REPORT

Mining Products Services

RILLI	ER St. Z. VS	Flan	Blu		HELPER	an	tich	Bron	son	/
35	FOOT	N. Latter de California de la California de				N	ATER	IAL U	SED	
RODS.	END OF SHIFT		THE STATE OF	MI	UD 2			SODA A	ASH	
STICK	UP, END OF SHIFT		1	LIC	GNITE			ST-200		C 19
DEPTH	H. END OF SHIFT			MU	UD 25 (2 LB	. BAG)		AIR-QU	JIK	30 1
DEPTH	H, START OF SHIFT			FL	LUID PLUG			CALSE	AL	
DRILLI	ED			CC	ORE BOXES	SIZE		FONDU		E B
CORE	RECOVERED							PORTLA	AND	2
NUMB	BER OF RUNS	Br. Ja						1 40		10
SIZE C	OF HOLE	PAIN CO	THE R	0	retern	1/2	4			-988 EV
				1	nam	D	14			
3							The same			
EET (CASED		FROM		No the second	ТО		S	SIZE	
EET F	REAMED		FROM		A PARTY	TO	a let	S	SIZE	
CAC		QUANTI	TY	SIZE	LENG	STH	QUANTITY		SIZE	LENGTH
	IG SHOE	udniti)			NO.					NO.
CASIN	IG SHOĘ			in a	NO.			1 6/2 1 6/2 1 6/2		NO.
CASIN	IG SHOE		BOYLES	CUSTO	MER				BOYLES	NO.
CASIN T	IG SHOE FIME CHARGE CORE			custor	MER .6	Do	con		BOYLES	NO.
.1 .2	IG SHOE TIME CHARGE CORE ROTARY			custor	.6 .6		13.73		BOYLES	NO.
.1 .2 .3	IG SHOĘ FIME CHARGE CORE ROTARY REAM			custo	.6 .6	MOB-DE	13.73		BOYLES	NO.
.1 .2 .3	IG SHOE TIME CHARGE CORE ROTARY REAM CASE			custoi	.6 .6 .7	MOB-DE	МОВ		BOYLES	NO.
.1 .2 .3 .4	G SHOE CORE ROTARY REAM CASE CEMENT/RE DRILL	S		custo	.6 .6 .7 .8	MOB-DE MOVE MAINTE	MOB		BOYLES	NO.
.1 .2 .3 .4 .5	G SHOE TIME CHARGE CORE ROTARY REAM CASE CEMENT/RE DRILL STANDBY/SURVEY	S		CUSTO	.6 .6 .7 .8 .9 .10	MOB-DE	MOB		BOYLES	NO.
.1 .2 .3 .4	G SHOE CORE ROTARY REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING H	HOLE		custoi	.6 .6 .7 .8	MOB-DE MOVE MAINTE WEATHE	MOB		BOYLES	NO.
.1 .2 .3 .4 .5 .6	G SHOE TIME CHARGE CORE ROTARY REAM CASE CEMENT/RE DRILL STANDBY/SURVEY	HOLE		CUSTO	.6 .6 .7 .8 .9 .10 .11	MOB-DE MOVE MAINTE WEATHE HOLE OTHER	MOB		BOYLES	NO.
.1 .2 .3 .4 .5 .6 .6	G SHOE CORE ROTARY REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING H REGAINED LOST CIF	HOLE		CUSTO	.6 .6 .7 .8 .9 .10 .11 .12	MOB-DE MOVE MAINTE WEATHE HOLE OTHER	NANCE ER		1	NO. S CUSTON
.1 .2 .3 .4 .5 .6 .6	G SHOE TIME CHARGE CORE ROTARY REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING H REGAINED LOST CIF OTHER SERVICES	HOLE	BOYLES	CUSTO	.6 .6 .7 .8 .9 .10 .11 .12	MOB-DE MOVE MAINTE WEATHE HOLE OTHER WATER	NANCE ER	/ER	1	NO. S CUSTON
.1 .2 .3 .4 .5 .6 .6 .6 .6	G SHOE TIME CHARGE CORE ROTARY REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING H REGAINED LOST CHE OTHER SERVICES	HOLE R.	BOYLES	CUSTO	.6 .6 .7 .8 .9 .10 .11 .12 .13 BITS	MOB-DE MOVE MAINTE WEATHE HOLE OTHER WATER	NANCE ER	/ER DEP	1 2	NO. S CUSTON
.1 .2 .3 .4 .5 .6 .6 .6	G SHOE TIME CHARGE CORE ROTARY REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING H REGAINED LOST CHE OTHER SERVICES	HOLE R.	BOYLES	CUSTO	.6 .6 .7 .8 .9 .10 .11 .12 .13 BITS	MOB-DE MOVE MAINTE WEATHE HOLE OTHER WATER	NANCE ER	/ER DEP	L L HOURS	NO. S CUSTON

SHIFT REPORT

OB NO		DAY		SWING			NITE		
RILLER	48-218 LOC.	Pana	V	DRILL NO	BS.	30	HOLE	NO. F.F	8
	and On	Tin	1	HELPER	Kan	14	91	10.5	
	FOOTAGE		888 888	THE REAL PROPERTY.	N	MATER	IAL U	SED	100
ODS. E	ND OF SHIFT		MUD	2			SODA	ASH	25
TICKUF	P. END OF SHIFT		LIGN	ITE	1		ST-20	0	- 80
EPTH.	END OF SHIFT	103	MUD	25 (2 LB	B. BAG)	2	AIR-Q	UIK	
EPTH.	START OF SHIFT	N. Silver	FLUI	D PLUG	2734	1	CALSE	AL	
RILLED			COR	E BOXES	SIZE	960	FOND	1	700
ORE RE	ECOVERED	NY SH	Po	0000	ti	1	PORTL	AND	4
UMBER	R OF RUNS		Vin	1025	and	1	Mak	E ST	
SIZE OF	HOLE		France	2005	and	4		The last	
						1	Direct.	1	Kall To
	Sales and	Little		Hite		1	142		S A
EET CA	SED / 0 0	FROM	0		TO	100		SIZE	100
EET RE	THE RESIDENCE OF THE PERSON NAMED IN COLUMN 2 IS NOT THE OWNER.	FROM		100	TO		1000	SIZE	
CASIN	NG LEFT IN HOLE QUAN	YTITY	SIZE	LENG	STH	QUANTIT	Y	SIZE	LENGTH
				NO.				I and a second	10.
TII	ME CHARGES	BOYLES	CUSTOME	R				BOYLES	-
TII	ME CHARGES	BOYLES	CUSTOME	.6				I and a second	-
.1 .2	ME CHARGES CORE Cugh	BOYLES	CUSTOME	.6 .6	MOR-DE	MOR		I and a second	-
.1 .2 .3	ME CHARGES CORE CORE CURRENT CURRENT	4	CUSTOME	.6 .6	MOB-DE	MOB		BOYLES	-
.1 .2 .3 .4	CORE CHARGES CORE CAUGHO CASE	BOYLES	CUSTOME	.6 .6 .7	MOVE			I and a second	-
.1 .2 .3 .4 .5 .5	CASE CEMENT/RE DRILL	4	CUSTOME	.6 .6 .7 .8	MOVE	NANCE		BOYLES	-
.1 .2 .4 .3 .4 .5 .6	CORE CHARGES CORE CAUGHO CASE	4	CUSTOME	.6 .6 .7	MOVE	NANCE		BOYLES	-
.1 .2 .4 .3 .4 .5 .6 .6 .6	ME CHARGES CORE REAM CASE CEMENT/RE DRILL STANDBY/SURVEY	4	CUSTOME	.6 .6 .7 .8 .9	MOVE MAINTE WEATHE	NANCE		BOYLES	-
.1 .2 .3 .4 .5 .6 .6 .6 .6	CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING HOLE	4	CUSTOME	.6 .6 .7 .8 .9 .10 .11	MOVE MAINTE WEATHE HOLE OTHER	NANCE	VER	BOYLES	CUSTOM
.1 .2 .3 .4 .5 .6 .6 .6 .6	CORE CORE CAUGIN REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING HOLE REGAINED LOST CIR.	4		.6 .678910111213	MOVE MAINTE WEATHE HOLE OTHER	NANCE ER	VER	BOYLES	CUSTOM
.1 .2 .3 .4 .5 .6 .6 .6 .6	CORE CORE CAUGIN REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING HOLE REGAINED LOST CIR.	4		.6 .6 .7 .8 .9 .10 .11 .12	MOVE MAINTE WEATHE HOLE OTHER WATER	NANCE ER		BOYLES	CUSTOM
.1 .2 .4 .5 .6 .6 .6 .6 .6 .6 .6 .6	CORE CORE CUMPTO REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING HOLE REGAINED LOST CIR. OTHER SERVICES	4/ 7/		.6 .6 .7 .8 .9 .10 .11 .12 .13	MOVE MAINTE WEATHE HOLE OTHER WATER	NANCE ER	DEF	3 HOURS	CUSTOM
.1 .2 .2 .3 .4 .5 .6 .6 .6 .6 .6 .6 .6	ME CHARGES CORE REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING HOLE REGAINED LOST CIR. OTHER SERVICES	4/ 7/		.6 .6 .7 .8 .9 .10 .11 .12 .13 BITS	MOVE MAINTE WEATHE HOLE OTHER WATER	NANCE ER	DEF	BOYLES HOURS	CUSTOM

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	110.011		/		AULA C	MUNION	Mining Produc	74 E 34	NA HON	CE SECT
ATE/	The state of the s	DAY /			VING	0	80	NITE		- 0
OB N	Wall of	rysc	0,		RILL NO	0-	00	HOLE N	O.E.E	-0
RILLI	THE VIEW	rklin	-	HE	LPER	m	w Y	16	~	200
ODC	FOOTAGE	10000		MUID 2		- F-	MATERI	SODA A		
	END OF SHIFT			MUD 2					SH	3 1000
	UP, END OF SHIFT			LIGNITE		DAC		ST-200	IV	
	END OF SHIFT					BAG)		CALSE/	-	
	I, START OF SHIFT			FLUID F		SIZE	6 6 5	Contraction in	1L	
RILL		STEEL CO.		CORE B	BUXES			FONDU	ND	
	RECOVERED			- 1	-	- 1	1 10	PORTLA	IND	
	ER OF RUNS		-	nes	len	enly	10		San S	
SIZE	OF HOLE		- 7	0			-		90	
1				11	un	ne	11	1	devia de	
		3 3 4 4		- 1						LIP =
EET (CASED	FRON	A			TO	2019		IZE	
EET	REAMED	FROM	1	-		TO		S	IZE	
CAS	ING LEFT IN HOLE QUA	NTITY	SIZE		LENG	STH	QUANTITY		SIZE	LENGTH
						6		3 330		
	G SHOE				10.					VO.
.1	CORE CHARGES	BOYLES	CUSI	OMER	.6				BOYLES	CUSTON
.1	ROTARY	72.00		1	.6	00	00.1	2000		60
.3	REAM				.7		DE MOB		-	10
4	CASE		100		.8	MOVE	100	115	P. Leave	
.5	CEMENT/RE DRILL			20.32	.9	100000	ENANCE	74.3	101	
.6	STANDBY/SURVEY	1		-	.10	WEAT		100	00/	
.6	WASH/CLEANING HOLE			TEA.	.11	HOLE	To 10.19			30-51-
.6	REGAINED LOST CIR.	1 333	1000	4	.12	OTHER	1,200	non h	12	2
.6	OTHER SERVICES			5	.13		R HAUL DRIV	ER	HOURS	MILES
				RI	TS				1000000	The same
BIT N	O. SIZE &	TYPE		- T	DEPTH	OFF	2 100 70	DEPT	TH ON	STEREO.
BIT N					DEPTH				H ON	
-	ON FOR RETIRING	234	1 50		318	Live Tay			1,395	No.
	MARKS (Explain delays and	hole condition)	1	. /	7	10	back	Do	anni	20)
121	(explain delays and	nule condition)	N	rot	9	ries	ave	1	and the	at 1
11	rasien +	our c	em	127	p	ad	200	E	13	10
8	1	FIFE S	1	1				1,459		N ST
						- CONT.				

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Mining Bandonta (Coming

DRAID	10 010	SHIFT LOC.	Da	0 -		WING RILL NO	D	Pin	HOLE	NO ET	- 0
RILLER	32718	200.	Pasi	0		LPER	13.	4.07	- L	5	- 1
MCCLI	FOOT	AGE	00000	2000		-	er	MATERI	AL U	ISED	
ODS. EN	ND OF SHIFT	1	FOLL	3 7 19	MUD 2			4	SODA		
	END OF SHIFT				LIGNITE	3.1		/	ST-20	0	
EPTH. E	END OF SHIFT	4.5	917	1	MUD 25	5 (2 LB	BAG)		AIR-Q	UIK	
EPTH, S	START OF SHIFT	1	11	454	FLUID I	PLUG			CALSE	AL	PA 6
RILLED		- 9,81			CORE B	OXES	SIZE		FOND	1	生 1
ORE RE	COVERED		P GOLD		Cara	200	Cas	12	PORTL	AND	1
UMBER	OF RUNS				Fin	e. J	ma	17		14	
IZE OF	HOLE	PAR	- 1						1-9		3
						inter-					
		Fed		Y Sans	F. B	No. 1-					
EET CAS	SED-	2 5 6	FRO	M	13 V		TO	4 4 7 1	100	SIZE	09 F
EET REA	AMED		FRO	M			TO		2.35	SIZE	
CASIN	G LEFT IN HOLE	QUAN	YTITY	SIZ	E	LENG	STH	QUANTITY	1	SIZE	LENGTH
3				80.5					185		
A Sala						- 38	0 34				
	3	185									17. 18. 18.
ASING S	SHOE	1-10		1,3	N	10.				1	NO.
TIN	ME CHARGE	S	BOYLES	CU	STOMER				-	BOYLES	CUSTOM
	CORE				400	.6					
.2	auge	0-	3			.6				3.33	1
.3 F	REAM					.7	MOB-	DE MOB		100	
.4 0	CASE		6	40	2	.8	MOVE			/	
.5 0	CEMENT/RE DRILL					.9	MAINT	ENANCE		1	
.6 5	STANDBY/SURVEY	A				-10	WEATH	HER	1		2 33
.6 V	WASH/CLEANING H	IOLE	The same			.11	HOLE			1 4 5	
.6 F	REGAINED LOST CIR			4		.12	OTHER				
.6 0	THER SERVICES		27.36			.13	WATER	HAUL DRIV	ER	HOURS	MILES
W. T.					BI	TS					
IIT NO.		SIZE & T	TYPE		105	DEPTH	OFF	A	DEP	TH ON	
IIT NO.		SIZE & 1	TYPE			DEPTH	OFF		DEP	TH ON	
EASON	FOR RETIRING	10	. 1	-	,			a distribution	130		
REMA	RKS (Explain dela	ays and he	ole condition	1	ret	P	100	175	01	Ca	2 NA
1	201	AND	real		170	an	to	10	15	7/1	1
-											
M	noine		310	100	00	6	421	800-	1	Ida	177)

SHIFT REPORT

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NITE	18 2 7		WING	-	DAY 2	SHIFT:	26-8	TE !
HOLE NO. £ £ 9	80	B	RILL NO	0	Casi	LOC	18-218	B NO
estie	m to	Ke	ELPER	V 1	Klin	IA	42 V	RILLE
L USED	MATERIA					AGE	FOOT	
SODA ASH	E .		2	MUD		150	OF SHIFT	DDS.
ST-200	S Santa		E	LIGNI			END OF SHIFT	TICKU
AIR-QUIK		. BAG)	25 (2 LB	MUD	A 10 TO 10 T	- 9	D OF SHIFT	PTH.
CALSEAL			PLUG	FLUID		3 3	ART OF SHIFT	PTH.
FONDU		SIZE	BOXES	CORE			45835	RILLE
PORTLAND		10 - K				3.5%	OVERED	RE R
retomin 3	6						F RUNS	UMBE
300 sous Sout	6	No. of					OLE	ZE OF
	13	nd	ras	0				
			79.6		No. 1			
SIZE		ТО			FROM		D	ET C
SIZE		TO			FROM	4	MED	ET R
SIZE LENGT	QUANTITY	STH	LENG	SIZE	YTITY	QUAN	LEFT IN HOLE	CASI
			B7 115					
NO.			NO.				HOE	ASING
BOYLES CUSTO				CUSTOME	BOYLES	S	E CHARGE	T
		100	.6		1		RE	.1
68	con	Da	.6		87.78		TARY	.2
	DE MOB	MOB-D	.7		The same		AM	.3
1		MOVE	.8		4.70		SE	.4
	TENANCE	MAINT	.9	13 15			MENT/RE DRILL	.5
	HER	WEATH	.10		St. Car		ANDBY/SURVEY	-6
		HOLE	.11		22.65	HOLE	ASH/CLEANING	.6
	R	OTHER	.12			R.	GAINED LOST CI	.6
R HOURS MIL	R HAUL DRIVE	WATER	.13		-916	0.5	HER SERVICES	.6
			ITS	В	100		NO.	7
DEPTH ON		OFF	DEPTH		ГҮРЕ	SIZE & 1		T NO
DEPTH ON		OFF	DEPTH	A THE STATE OF	TYPE	SIZE & 1		T NO
11 34 68			F 4.8			100	OR RETIRING	ASO
April 1		W. C.		3.7 季	ole condition)	lays and hi	RKS (Explain de	EM
The second secon			4302	We have been dearly		THE RESIDENCE		
		134						
			DEPTH	В	ГҮРЕ	SIZE & T	California de la companya del companya de la companya del companya de la companya	T NO

SHIFT REPORT

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Mining Products / Services

OATE OB N	19070.10	SHIFT	BPa		DRILL NO	0	80	HOLE !	NO Z	EN
RILLE	10040	LUC	or ces		HELPER	87	100:	HULE I	4.5	/
MILL	FOOT	AGE	SEC.	100	HELFER	111	MATERIA	AL II	SED	
RODS.	END OF SHIFT	AUL		MUD	2	100		SODA		
I Second	UP. END OF SHIFT	2 3		LIGNI			100	ST-200)	3 -3
EPTH	. END OF SHIFT	200	10-	2 MUD	25 (2 LB	BAG)	9 2 2 2	AIR-QU	JIK	
ЕРТН	START OF SHIFT	16-1	100		PLUG			CALSE	AL	18 3
RILLI	ED	7.68	2.08 E	CORE	BOXES	SIZE		FONDL		2 34
ORE	RECOVERED	-	The state	CM	now	Sand	13	PORTL	AND	2
имв	ER OF RUNS	1000			e So		1			
IZE C	F HOLE		TO ARE	1			15.2	1		ALCO
		37	Salar I			- 6	1 . 20			
E 7 -							1			
EET (CASED		FROM	- 30		ТО	A. J.		SIZE	The same
EET F	REAMED	188	FROM			TO			SIZE	
CAS	ING LEFT IN HOLE	QUAN	YTITY	SIZE	LENG	STH -	QUANTITY		SIZE	LENGTH
ACINI	o cuor				NO					10
1.00	G SHOE	S	BOYLES	CUSTOME	NO.				BOYLES	NO.
1.00		S	BOYLES 3	CUSTOME					F-	1
T	IME CHARGE	S	BOYLES 3	CUSTOME	R				F-	1
.1	CORE	S	BOYLES 3	CUSTOME	.6	MOB-D	E MOB		F-	1
.1 .2	CORE ROTARY	S	BOYLES 3	CUSTOME	.6 .6	MOB-D MOVE	E MOB		F-	1
.1 .2	CORE ROTARY REAM	S	3	CUSTOME	.6 .6	MOVE	E MOB		F-	1
.1 .2 .3 .4 .5	CORE ROTARY REAM CASE CEMENT/RE ORILL STANDBY/SURVEY		3	CUSTOME	.6 .6 .7 .8 .9	MOVE MAINTI WEATH	ENANCE		F-	1
.1 .2 .3 .4 .5 .6	CORE ROTARY REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING H	HOLE	3	CUSTOMER	.6 .6 .7 .8 .9 .10	MOVE MAINTI WEATH HOLE	ENANCE		F-	1
.1 .2 .3 .4 .5 .6	CORE ROTARY REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING H REGAINED LOST CIF	HOLE	3	CUSTOME	.6 .6 .7 .8 .9 .10 .11	MOVE MAINTE WEATH HOLE OTHER	ENANCE IER		BOYLES	CUSTOM
.1 .2 .3 .4 .5 .6	CORE ROTARY REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING H	HOLE	3		.6 .6 .7 .8 .9 .10 .11 .12	MOVE MAINTE WEATH HOLE OTHER	ENANCE	ER	F-	CUSTOM
.1 .2 .3 .4 .5 .6 .6 .6	CORE ROTARY REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING H REGAINED LOST CIR	HOLE	3		.6 .6 .7 .8 .9 .10 .11 .12 .13	MOVE MAINTI WEATH HOLE OTHER WATER	ENANCE IER		BOYLES	CUSTOM
.1 .2 .3 .4 .5 .6 .6 .6 .6 .6	CORE ROTARY REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING H REGAINED LOST CIR OTHER SERVICES	HOLE R.	3 6		.6 .6 .7 .8 .9 .10 .11 .12 .13	MOVE MAINTI WEATH HOLE OTHER WATER	ENANCE IER	DEP	HOURS	CUSTOM
.1 .2 .3 .4 .5 .6 .6 .6 .6 .6	CORE ROTARY REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING H REGAINED LOST CIR OTHER SERVICES	HOLE	3 6		.6 .6 .7 .8 .9 .10 .11 .12 .13	MOVE MAINTI WEATH HOLE OTHER WATER	ENANCE IER	DEP	BOYLES	CUSTOM
.1 .2 .3 .4 .5 .6 .6 .6 .6 .6 .6	CORE ROTARY REAM CASE CEMENT/RE ORILL STANDBY/SURVEY WASH/CLEANING H REGAINED LOST CIF OTHER SERVICES	HOLE R. SIZE & T	3 FYPE		.6 .6 .7 .8 .9 .10 .11 .12 .13	MOVE MAINTI WEATH HOLE OTHER WATER	ENANCE IER	DEP	HOURS	NO. CUSTOM MILES
1 .1 .2 .3 .4 .5 .6 .6 .6 .6 .6 .6 .6 .6 .6	CORE ROTARY REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING H REGAINED LOST CIR OTHER SERVICES	HOLE R. SIZE & T	3 FYPE		.6 .6 .7 .8 .9 .10 .11 .12 .13	MOVE MAINTI WEATH HOLE OTHER WATER	ENANCE IER	DEP	HOURS	CUSTOM
.1 .2 .3 .4 .5 .6 .6 .6 .6 .6 .6	CORE ROTARY REAM CASE CEMENT/RE ORILL STANDBY/SURVEY WASH/CLEANING H REGAINED LOST CIF OTHER SERVICES	HOLE R. SIZE & T	3 FYPE		.6 .6 .7 .8 .9 .10 .11 .12 .13	MOVE MAINTI WEATH HOLE OTHER WATER	ENANCE IER	DEP	HOURS	CUSTOM

SHIFT REPORT

	MA A								*11	-		
DATE	1-30-05	SHIFT: DAY	1		SWI	ING	-	-	INI	TE	200	_
IOB N	48-218	LOC.	20	r	DRI	ILL NO	B.	50	Н	DLE NO	E	E-1
RILLE	Weller)			1	HEL	PER	Pot	ie	4	0	0	
	FOOTA	IGE				700		MATE	RIA	L US	ED	
RODS.	END OF SHIFT		30	M	UD 2				S	DDA AS	SH	
TICK	UP. END OF SHIFT			LI	GNITE			178	S	r-200		
EPTH	, END OF SHIFT			MI	UD 25	(2 LB	. BAG)		Al	IR-QUII	K	NEW TR
)EPTH	START OF SHIFT			FL	UID PL	LUG			C	ALSEA	L	
RILLE	ED		11.3	CC	ORE BO	XES	SIZE		FC	DNDU		
ORE	RECOVERED							100	PC	ORTLAN	ND	
IUMB	ER OF RUNS	E ALES	45			3		1 3				
SIZE O	F HOLE	-1	38	C	one	CO	ton	1 4	1		3	
						1	ton					
				1	200	un	na	14		N. S.		
EET (CASED		FROM			"	TO			SIZ	ZE	
EET F	REAMED		FROM			1000	TO		0	SI	ZE	
CAS	ING LEFT IN HOLE	QUANTITY	100	SIZE	10 3	LENG	STH .	QUANTI	TY	S	IZE	LENGTH
37												
ASIN	G SHOĘ			A TO	NO).						NO.
	G SHOE	BOY	LES	custo).					BOYLE	-
		ВОУ	LES	custo		.6					BOYLE	-
T	IME CHARGES	Воч	/LES	custo			Nee	con			BOYLE	-
.1	CORE	Воз	YLES	CUSTO		.6	<i>Que</i> MOB-E	DE MOB			BOYLE	-
.1 .2	CORE ROTARY	S BOY	YLES	CUSTO		.6	MODE.				BOYLE	-
.1 .2	CORE ROTARY REAM	S 80Y	/LES	CUSTO		.6	MOVE				BOYLE	-
.1 .2 .3	CORE ROTARY REAM CASE	BOY	LES	CUSTO		.6 .6 .7	MOVE	ENANCE			BOYLE	-
.1 .2 .3 .4	CORE ROTARY REAM CASE CEMENT/RE DRILL		VLES	CUSTO		.6 .6 .7 .8	MOVE	ENANCE			BOYLE	-
.1 .2 .3 .4 .5	CORE ROTARY REAM CASE CEMENT/RE DRILL STANDBY/SURVEY		VLES	CUSTO		.6 .6 .7 .8 .9	MOVE MAINT WEATH	ENANCE			/	S CUSTON
.1 .2 .3 .4 .5 .6	CORE ROTARY REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING HO		LES	CUSTO		.6 .6 .7 .8 .9 .10	MOVE MAINT WEATH HOLE OTHER	ENANCE	RRIVER		HOURS	S CUSTON
.1 .2 .3 .4 .5 .6	CORE ROTARY REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING HO REGAINED LOST CIR.		//LES	CUSTO		.6 .6 .7 .8 .9 .10 .11	MOVE MAINT WEATH HOLE OTHER	ENANCE HER	RRIVER		/	S CUSTON
.1 .2 .3 .4 .5 .6 .6 .6	CORE ROTARY REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING HO REGAINED LOST CIR. OTHER SERVICES		VLES	CUSTO	BIT	.6 .6 .7 .8 .9 .10 .11 .12 .13 .13 CEPTH	MOVE MAINT WEATH HOLE OTHER WATER	ENANCE HER	RIVER	DEPTH	HOURS	S CUSTON
.1 .2 .3 .4 .5 .6 .6 .6 .6 .6	CORE ROTARY REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING HO REGAINED LOST CIR. OTHER SERVICES S. S.	DLE	/LES	CUSTO	BIT	.6 .6 .7 .8 .9 .10 .11 .12 .13	MOVE MAINT WEATH HOLE OTHER WATER	ENANCE HER	RIVER	DEPTH	HOURS	S CUSTON
1 .2 .3 .4 .5 .6 .6 .6 .6 .6 .6	CORE ROTARY REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING HO REGAINED LOST CIR. OTHER SERVICES ON FOR RETIRING	DLE SIZE & TYPE SIZE & TYPE		CUSTO	BIT	.6 .6 .7 .8 .9 .10 .11 .12 .13 .13 CEPTH	MOVE MAINT WEATH HOLE OTHER WATER	ENANCE HER	RIVER		HOURS	S CUSTON
1 .2 .3 .4 .5 .6 .6 .6 .6 .6 .6	CORE ROTARY REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING HO REGAINED LOST CIR. OTHER SERVICES S. S.	DLE SIZE & TYPE SIZE & TYPE		CUSTO	BIT	.6 .6 .7 .8 .9 .10 .11 .12 .13 .13 CEPTH	MOVE MAINT WEATH HOLE OTHER WATER	ENANCE HER	RIVER		HOURS	S CUSTON
.1 .2 .3 .4 .5 .6 .6 .6 .6 .6 .6	CORE ROTARY REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING HO REGAINED LOST CIR. OTHER SERVICES ON FOR RETIRING	DLE SIZE & TYPE SIZE & TYPE		CUSTO	BIT	.6 .6 .7 .8 .9 .10 .11 .12 .13 .13 CEPTH	MOVE MAINT WEATH HOLE OTHER WATER	ENANCE HER	RIVER		HOURS	S CUSTON
1 .2 .3 .4 .5 .6 .6 .6 .6 .6 .6	CORE ROTARY REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING HO REGAINED LOST CIR. OTHER SERVICES ON FOR RETIRING	DLE SIZE & TYPE SIZE & TYPE		CUSTO	BIT	.6 .6 .7 .8 .9 .10 .11 .12 .13 .13 CEPTH	MOVE MAINT WEATH HOLE OTHER WATER	ENANCE HER	RIVER		HOURS	S CUSTON
.1 .2 .3 .4 .5 .6 .6 .6 .6 .6	CORE ROTARY REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING HO REGAINED LOST CIR. OTHER SERVICES ON FOR RETIRING	DLE SIZE & TYPE SIZE & TYPE		CUSTO	BIT	.6 .6 .7 .8 .9 .10 .11 .12 .13 .13 CEPTH	MOVE MAINT WEATH HOLE OTHER WATER	ENANCE HER	RIVER		HOURS	S CUSTON

CHIET DEDORT

	A STATE OF THE PARTY OF THE PAR			200		Barrier	Mining Produ	urs. Derrie		
ATE	7-31-85 s	HIFT: DAY		SI	WING			NITE		
OB NO	48-218 1	OC. Pasi	20	DI	RILL NO	B	80	HOLE	NO. E	F6
RILLE	Rartie 9	user	1	HE	ELPER	KB	N 42	tu	lie	1
	FOOTAG	GE					MATER	IAL U	SED	
ODS.	END OF SHIFT	THE SEC		MUD 2	1		3	SODA	ASH	
TICKU	IP, END OF SHIFT	A PORT		LIGNITE				ST-20	0	19 15
EPTH.	END OF SHIFT	10.	2	MUD 2	5 (2 LB	BAG)		AIR-Q	UIK	
EPTH,	START OF SHIFT	100	X 18	FLUID	PLUG	2	13.3	CALSE	AL	
RILLE	D	4		CORE E	BOXES	SIZE		FOND	J	
ORE R	RECOVERED	THEFT		coa	ne	Sen	13	PORTL	AND	2
UMBE	ER OF RUNS		13/10	1 0		ana				
IZE OF	FHOLE		1		2.0		1 7 4 6			
1			¥ 91	8	1019			1		1 1
11		G 34.3		TOR.	1		WEG.	1		
EET C	ASED 99.5	FRO	M	0	N. W.	TO	99.	5	SIZE 2	10
EET R	EAMED	FRO	M			TO	Steel St.		SIZE	
CASI	NG LEFT IN HOLE	QUANTITY	SIZ	E	LENG	STH	QUANTITY	-	SIZE	LENGTH
T.	ALL STATE				100					
		CONTRACTOR OF	14.5-14			2.74	S7.6	1 2 3		N. STOR
224			06.3		107		to the life			
ACINIC	S SHOE	1000		,	10.	4.4				NO.
The state of	IME CHARGES	BOYLES	CIIS	TOMER	VO.	100000	No.	-	BOYLES	The second
.1	CORE	50112		TO MEN	.6	1.03	1 44.50			
.2	auger) 2		200	.6		N. S. P.			
.3	REAM	3			.7	MOB-D	DE MOB			200
.4	CASE	-		1	.8	MOVE			9	
.5	CEMENT/RE DRILL	19	34	DVS.	.9		ENANCE		19	
.6	STANDBY/SURVEY	E Park		05.7	.10	WEATH		La Pin	100	1
.6	WASH/CLEANING HOLE				.11	HOLE				
.6	REGAINED LOST CIR.		-	70c	.12	OTHER			-	9,57
.6	OTHER SERVICES		5 00		.13	-	R HAUL DRI	VFR	HOURS	MILES
	OTTIET GENTIOLO		-	RI	TS	WATE	THE REAL PROPERTY.			No. of Concession, Name of Street, or other Designation, Name of Street, Name
1000			1	DI	DEPTH	OFF		oct		The same of
	SIZ.	E & TYPE			UCCIO			UEF	TH ON	
IT NO		E & TYPE				DE SECTION AND ADDRESS OF THE PARTY OF THE P		at the same	TH ON	
IT NO	. SIZ	E & TYPE E & TYPE			DEPTH	DE SECTION AND ADDRESS OF THE PARTY OF THE P		at the same	TH ON	400
IT NO		E & TYPE	,	•		DE SECTION AND ADDRESS OF THE PARTY OF THE P	<i>w</i> .	at the same		

ATES -	1-85	SHIFT:	DAY L	/	SWING			NITE	The state of
OB NO	18-218	LOC.	Pasi	an	DRILL N	10. K	2-80	HOLE NO.	FF
RILLER	Will:	0	unce		HELPER	K	(ma) 4	ati	1)
	FOOT			283			MATERIA	AL USED	13.18.19
ODS. END	OF SHIFT		175		MUD 2			SODA ASH	
TICKUP, E	NO OF SHIFT	0.00			LIGNITE	13:16	25.7	ST-200	1000
EPTH, END	OF SHIFT		123	1	MUD 25 (2 L	B. BAG)		AIR-QUIK	352 7
EPTH, STA	RT OF SHIFT			1 39	FLUID PLUG		1000	CALSEAL	
RILLED		1249		3:11	CORE BOXES	SIZ	E	FONDU	9.3
ORE RECOV	VERED		130				Pass	PORTLAND	1
UMBER OF	RUNS		N.C.		No. of		/	moret	mi64
IZE OF HO	LE			534					
		MEN.	405	939					
The same		-	411.5	,	drun	2)	14	21	E
EET CASED)		FROM			ТО	d les	SIZE	
EET REAM	ED		FRON	1		TO		SIZE	P1 300 100
CASING L	EFT IN HOLE	QUAN	TITY	SIZE	LEN	GTH	QUANTITY	SIZE	LENGTH
1		100	-53		AL THE			R. STELL	A PROPERTY OF
ASING SHO	DE .				NO.				NO.
TIME	CHARGE	S	BOYLES	cust	NO.			BOY	NO.
TIME .1 COP	CHARGE		BOYLES	CUST	OMER .6	0		воу	
.1 COF	CHARGE		BOYLES	CUST	OMER	The second second	rcon	BOY	
TIME 1 COP 2 STATE 3 REA	CHARGE		BOYLES	CUST	.6 .6	мов-	DE MOB	воу	
.1 COR .2 .3 REA .4 CAS	CHARGE E Oug M		BOYLES	CUST	.6 .6 .7	MOB-	DE MOB	804	
.1 COR .2 .3 REA .4 CAS	E CHARGE E OUGH M E E E HENT/RE DRILL	er)	BOYLES	CUST	.6 .6 .7 .8	MOB- MOVE MAIN	DE MOB TENANCE	BOY	
.1 COF .2 .3 REA .4 CAS .5 CEN .6 STA	E CHARGE THE CHAR	er)	BOYLES	CUST	.6 .6 .7 .8 .9 .10	MOB- MOVE MAIN WEAT	DE MOB TENANCE THER	BOY	
.1 COP .2 .3 REA .4 CAS .5 CEN .6 STA .6 WAS	E CHARGE THE TOTAL THE	ex)	BOYLES	CUST	.6 .6 .7 .8 .9 .10 .11	MOB- MOVE MAIN WEAT HOLE	DE MOB TENANCE HER	804	
11 COP 2	E CHARGE M E MENT/RE DRILL MNDBY/SURVEY SH/CLEANING H ANNED LOST CIF	ex)	BOYLES	CUST	.6 .6 .7 .8 .9 .10 .11 .12	MOB- MOVE MAIN WEAT HOLE OTHE	DE MOB TENANCE HER	4	CUSTON
11 COP 2 3 REA 4 CAS 5 CEN 6 STA 6 WA: 6 REG	E CHARGE THE TOTAL THE	ex)	BOYLES	CUST	.6 .6 .7 .8 .9 .10 .11 .12 .13	MOB- MOVE MAIN WEAT HOLE OTHE	DE MOB TENANCE HER	4	CUSTON
1 COP	E CHARGE M E MENT/RE DRILL MNDBY/SURVEY SH/CLEANING H ANNED LOST CIF	HOLE		CUST	.6 .6 .6 .7 .8 .9 .10 .11 .12 .13 BITS	MOB- MOVE MAIN WEAT HOLE OTHE WATE	DE MOB TENANCE HER	R HOU	CUSTON
1 COR	M OUT OF THE PROPERTY OF THE P	HOLE R. SIZE & T	YPE	CUST	.6 .6 .6 .7 .8 .9 .10 .11 .12 .13 BITS	MOB- MOVE MAIN WEAT HOLE OTHE WATE	DE MOB TENANCE HER	R HOU	CUSTON
TIME 1 COP 2 .3 REA 4 CAS 5 CEN 6 STA 6 REG 6 OTH IT NO.	M OUT OF THE PROPERTY OF THE P	HOLE	YPE	CUST	.6 .6 .6 .7 .8 .9 .10 .11 .12 .13 BITS	MOB- MOVE MAIN WEAT HOLE OTHE WATE	DE MOB TENANCE HER	R HOU	CUSTON
1 COP .2 .3 REA .4 CAS .5 CEM .6 STA .6 WA! .1 NO .1 NO .	E CHARGE THE CHAR	HOLE R. SIZE & T	YPE		.6 .6 .6 .7 .8 .9 .10 .11 .12 .13 BITS	MOB- MOVE MAIN WEAT HOLE OTHE WATE	DE MOB TENANCE HER	R HOU	CUSTON
.1 COP .2 .3 REA .4 CAS .5 CEN .6 STA .6 WA! .6 REG .6 OTH	E CHARGE THE CHAR	HOLE R. SIZE & T	YPE		.6 .6 .6 .7 .8 .9 .10 .11 .12 .13 BITS	MOB- MOVE MAIN WEAT HOLE OTHE WATE	DE MOB TENANCE HER	R HOU	CUSTON
1 COP	E CHARGE THE CHAR	HOLE R. SIZE & T	YPE		.6 .6 .6 .7 .8 .9 .10 .11 .12 .13 BITS	MOB- MOVE MAIN WEAT HOLE OTHE WATE	DE MOB TENANCE HER	R HOU	CUSTON
1 COP 2 .3 REA 4 CAS 5 CEN 6 STA 6 WA: 6 REG 6 OTH IT NO. IT NO. EASON FOI	E CHARGE THE CHAR	HOLE R. SIZE & T	YPE		.6 .6 .6 .7 .8 .9 .10 .11 .12 .13 BITS	MOB- MOVE MAIN WEAT HOLE OTHE WATE	DE MOB TENANCE HER	R HOU	CUSTON

TT-22

SHIFT REPORT

Marron Mining Products / Services

JOB NO. 48-2/8	LOC	Pass	~	/ [ORILL NO	B	80	HOLE	NO.	E-1
RILLER	62	rank	les	n	HELPER	K	2n) Y	Pos	Ui) /
FOO	TAGE				7.30		MATERI	AL L	ISED	4
RODS, END OF SHIFT				MUD 2	2	15	2	SODA	ASH	
TICKUP, END OF SHIFT			,	LIGNIT	TE .			ST-20	0	100
EPTH, END OF SHIFT	445	88		MUD 2	25 (2 LB	BAG)		AIR-Q	UIK	
EPTH, START OF SHIFT			1	FLUID	PLUG			CALS	EAL	
DRILLED				CORE	BOXES	SIZ	E	FOND	U	300
CORE RECOVERED				HE			E Pro	PORTL	LAND	4
NUMBER OF RUNS	NO B	Ranks.	1	Cora	201	Va.	15	Will S		
SIZE OF HOLE				dis	105	ran	11			
		Marin N	1	Do	10/2	5	1			
	14.14	Car at	-					in		
EET CASED		FRO	M		96	TO		100	SIZE	
EET REAMED	1.20	FRO	M		9	TO		100	SIZE	100
CASING LEFT IN HOLE	QU	ANTITY	SIZE		LENG	STH	QUANTITY	3 30	SIZE	LENGTH
		The second secon								
		3 1 7 3				-			NOTE:	
CASING SHOE					NO.					NO.
ASING SHOE	GES	BOYLES	s cus	TOMER	10000				BOYLE	-
	GES	BOYLES	cus		10000				BOYLE	-
TIME CHARG	GES	BOYLES	CUS						BOYLE	-
TIME CHARG		BOYLES	s cus		.6	MOB-	DE MOB		BOYLE	-
TIME CHARG		BOYLES 4	s cus		.6	MOB- MOVE			ВОУLЕ	-
TIME CHARGE. 1 CORE 2 REAM	igel	BOYLES	s cus		.6	MOVE			ВОУLЕ	-
TIME CHARCE 1 CORE 2 3 REAM 4 CASE	ugel	BOYLES 4	s cus		.6 .6 .7	MOVE	TENANCE		ВОУLЕ	-
.1 CORE .2 .3 REAM .4 CASE .5 CEMENT/RE DRI	LL	BOYLES 4	s cus		.6 .6 .7 .8 .9	MOVE	TENANCE		ВОУLЕ	-
TIME CHARGE 1 CORE 2 REAM 4 CASE 5 CEMENT/RE DRI 6 STANDBY/SURV	LL PEY G HOLE	BOYLES 4	S CUS		.6 .6 .7 .8 .9	MOVE MAIN WEAT	TENANCE		2	S CUSTOM
.1 CORE .2 .3 REAM .4 CASE .5 CEMENT/RE DRI .6 STANDBY/SURV .6 WASH/CLEANIN	LL PEY G HOLE CIR.	BOYLES 4	S CUS	TOMER	.6 .6 .7 .8 .9 .10 .11 .12 .13	MOVE MAIN WEAT HOLE OTHE	TENANCE	ER	BOYLE	S CUSTOM
TIME CHARGE 1 CORE 2 REAM 4 CASE 5 CEMENT/RE DRI 6 STANDBY/SURV 6 WASH/CLEANIN 6 REGAINED LOST 6 OTHER SERVICES	LL YEY G HOLE CIR.	3	S CUS	TOMER	.6 .6 .7 .8 .9 .10 .11 .12 .13	MOVE MAIN WEAT HOLE OTHE WATE	TENANCE HER		2 HOURS	S CUSTOM
TIME CHARCE 1 CORE 2 REAM 4 CASE 5 CEMENT/RE DRI 6 STANDBY/SURV 6 WASH/CLEANIN 6 REGAINED LOST 6 OTHER SERVICES	LL JEY G HOLE CIR. S	4 4 TYPE	s cus	TOMER	.6 .6 .6 .7 .8 .9 .10 .11 .12 .13	MOVE MAIN WEAT HOLE OTHE WATE	TENANCE HER	DE	2 HOURS	S CUSTOM
.1 CORE .2 .3 REAM .4 CASE .5 CEMENT/RE DRI .6 STANDBY/SURV .6 WASH/CLEANIN .6 REGAINED LOST	LL JEY G HOLE CIR. S	3	S CUS	TOMER	.6 .6 .7 .8 .9 .10 .11 .12 .13	MOVE MAIN WEAT HOLE OTHE WATE	TENANCE HER	DE	2 HOURS	S CUSTOM

FOREMAN

GEOLOGIST

054007A P M

	0						Mining Product.			
DATE	8-3-85	SHIFT: C	AY YA	F. S.C. V.	SWING	-		NITE	E	E-/
JOB N	48-218	LOC.	asco	/	DRILL NO	B	80	HOLE	NOF	-3
RILLE	7177				HELPER	ari	tie '	15	Will	w
	FOOT	AGE					MATERIA	AL U	SED	
RODS.	END OF SHIFT			MUE) 2			SODA	ASH	35
STICK	UP, END OF SHIFT			LIGN	IITE	-		ST-200)	3 7
DEPTH	. END OF SHIFT		7	MUC	25 (2 LB	BAG)		AIR-QI	JIK	4 10
DEPTH	, START OF SHIFT			FLU	ID PLUG			CALSE	AL	0-10 48
DRILL	ED			COR	E BOXES	SIZ		FONDL	J	20 6
CORE	RECOVERED							PORTL	AND	
NUMB	ER OF RUNS		13			200		No.		
SIZE 0	F HOLE			Co	areit	OM	105			
								3.90		
FEET (CASED		FROM		-	TO			SIZE	YAN MAR
FEET F	REAMED		FROM			TO	les .		SIZE	
CAS	ING LEFT IN HOLE	QUANT	ITY	SIZE	LENG	HTE	QUANTITY	1	SIZE	LENGTH
	G SHOE	S	ROYLES	CUSTOM	NO.				BOYLE	NO.
.1 .2 .3 .4	CASE		BOYLES	CUSTOM	.6 .6 .7	MOB-		A.	BOYLE	and the same of
.1 .2	CORE CUASE	U	BOYLES	CUSTOMI	.6 .6	MOB-	DE MOB	2	3	and the same of
.1 .2 .3 .4	CORE CORE REAM CASE CEMENT/RE DRILL	U	BOYLES	CUSTOMI	.6 .6 .7 .8	MOB- MOVE MAIN	DE MOB	2	3	and the same of
.1 .2 .3 .4 .5	CASE CEMENT/RE DRILL STANDBY/SURVEY	HOLE	BOYLES	CUSTOMI	.6 .6 .7 .8 .9	MOB- MOVE MAIN WEAT	DE MOB TENANCE HER	2	3	and the same of
.1 .2 .3 .4 .5 .6	CORE REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING H	HOLE	BOYLES	CUSTOMI	.6 .6 .7 .8 .9 .10 .11	MOB- MOVE MAIN WEAT HOLE OTHE	DE MOB TENANCE HER	ER.	3	S CUSTO
.1 .2 .3 .4 .5 .6 .6	CORE REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING H REGAINED LOST CIR	HOLE	BOYLES		.6 .6 .6 .7 .8 .9 .10 .11 .12 .13	MOB- MOVE MAIN WEAT HOLE OTHE	DE MOB TENANCE HER	A CONTRACTOR OF THE CONTRACTOR	3	S CUSTO
.1 .2 .3 .4 .5 .6 .6 .6	REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING H REGAINED LOST CIR OTHER SERVICES	HOLE	/		.6 .6 .6 .7 .8 .9 .10 .11 .12	MOB- MOVE MAIN WEAT HOLE OTHE WATE	DE MOB TENANCE HER		3	S CUSTO
.1 .2 .3 .4 .5 .6 .6	CORE REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING H REGAINED LOST CIR OTHER SERVICES	iole	/ In		.6 .6 .7 .8 .9 .10 .11 .12 .13	MOB- MOVE MAIN WEAT HOLE OTHE WATE	DE MOB TENANCE HER	DEF	3 HOURS	S CUSTO
.1 .2 .3 .4 .5 .6 .6 .6 .6 .6	CORE REAM CASE CEMENT/RE DRILL STANDBY/SURVEY WASH/CLEANING H REGAINED LOST CIR OTHER SERVICES	OLE 1.	/ In		.6 .6 .7 .8 .9 .10 .11 .12 .13 BITS DEPTH	MOB- MOVE MAIN WEAT HOLE OTHE WATE	DE MOB TENANCE HER	DEF	HOURS	S CUSTO

Bovies Bros. TT-24 ..

SHIFT REPORT

Morrow Mining Products / Services

DATE 1-10-035	HIFT: DAY	SWING	NITE	THE STATE OF
JOB NO. 48-218 L	oc Pasco	DRILL NO.	HOLE NO.	
DRILLER 21 L	Finkl	WHELPER art	Te Y Kg	n
FOOTAG	GE	M	ATERIAL USED	HE THE
RODS, END OF SHIFT	The Control of	MUD 2	SODA ASH	
STICKUP, END OF SHIFT		LIGNITE	ST-200	
DEPTH, END OF SHIFT	Z X	MUD 25 (2 LB. BAG)	AIR-QUIK	
DEPTH, START OF SHIFT		FLUID PLUG	CALSEAL	
DRILLED	THE PARTY OF	CORE BOXES SIZE	FONDU	
CORE RECOVERED			PORTLAND	
NUMBER OF RUNS			A STATE OF THE STA	B. S. S.
SIZE OF HOLE				21 40
	12			
	A PROPERTY OF			
FEET CASED	FROM	ТО	SIZE	
FEET REAMED	FROM	TO TO	SIZE	

	CASING LEFT IN HOLE	QUANTITY	SIZE	LENGTH	QUANTITY	SIZE	LENGTH
							4 4 4
į	CASING SHOE			NO.			NO.

	TIME CHARGES	BOYLES	CUSTOMER	1367		BOYLES	CUSTOMER
.1	CORE	1 100 4		.6	decon		(5)
.2	ROTARY		E. Silver	.6		1 3 1 3	- A &
.3	REAM		Service Control	.7	MOB-DE MOB	.5	Carrier St
.4	CASE	100		.8	MOVE		0.00
.5	CEMENT/RE DRILL	A STATE		.9	MAINTENANCE		176.73
.6	STANDBY/SURVEY			.10	WEATHER	Tage -	
.6	WASH/CLEANING HOLE	-		.11	HOLE		
.6	REGAINED LOST CIR.		200	.12	OTHER		Ser.
.6	OTHER SERVICES		13.31	.13	WATER HAUL DRIVER	HOURS	MILES

		BITS		
BIT NO.	SIZE & TYPE	DEPTH OFF	DEPTH ON	1 1 1 1
BIT NO.	SIZE & TYPE	DEPTH OFF	DEPTH ON	

REASON FOR RETIRING

REMARKS (Explain delays and hole condition) Bringin Rig & start

FOREMAN

GEOLOGIST

054007A P M